

THE BEST SELLING AIRCRAFT MODELLING MAGAZINE!

Scale AVIATION Modeller International

Nakajima G5N2 'Shinzan'

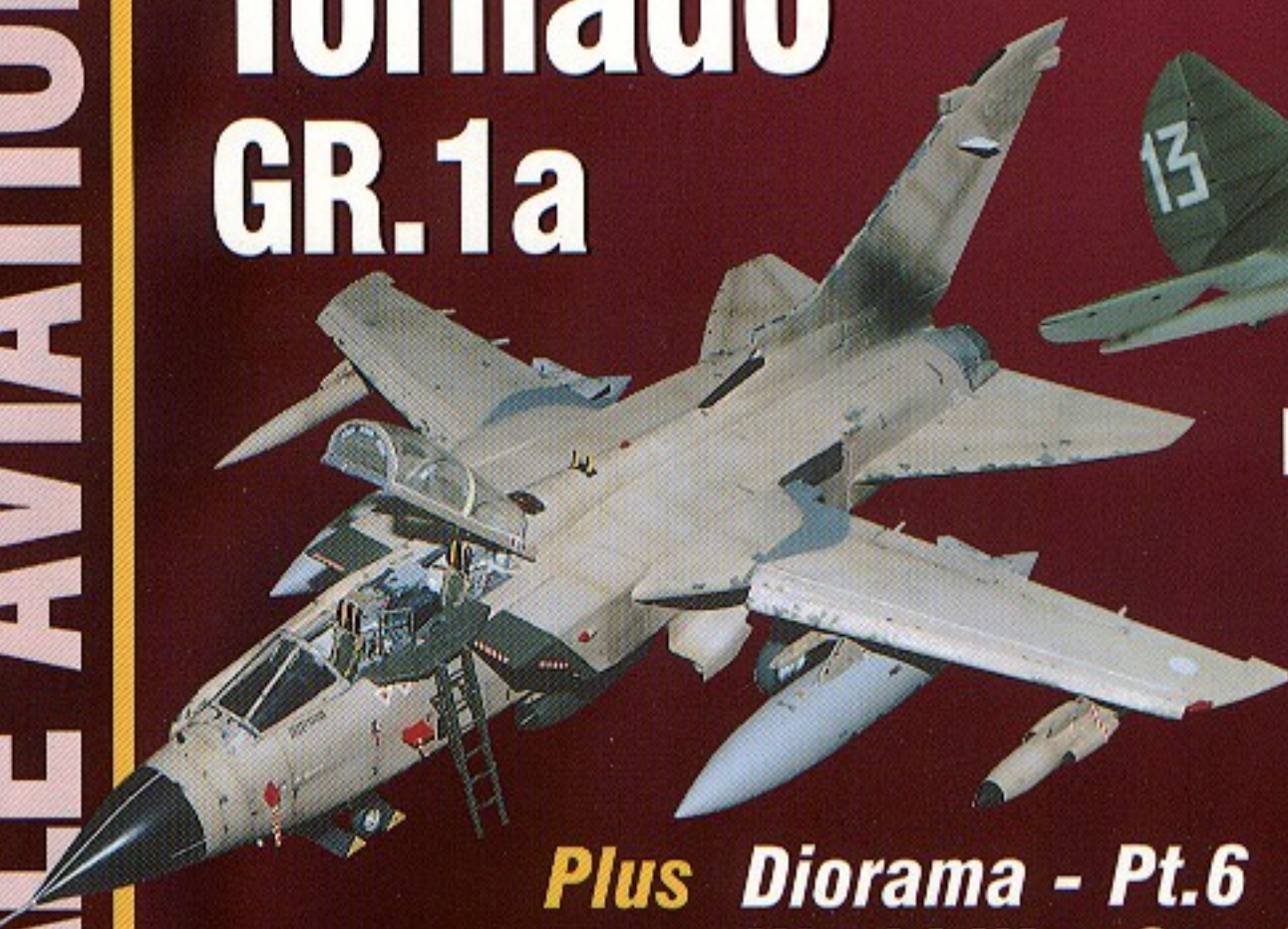


Hawker Typhoon

by Richard J. Caruana



Tornado GR.1a



Polikarpov I-16 Type 18 'Rata'



Plus Diorama - Pt.6
World War One Wings
Photo Album - Convair TF-102



LATEST NEWS • PREVIEWS • REVIEWS • ACCESSORIES • DECALS



Classic Airframes



A Division of Bringuier Aviation Products
PO BOX 577580 CHICAGO ILLINOIS 60657 USA
TEL/FAX (001) 773 665 7817

STILL AVAILABLE



Kit No. 431 Curtiss Hawk II \$29.95



Kit No. 432 Curtiss F1C-2/BFC-2 \$29.95



Kit No. 433 Curtiss BF2C-1 \$29.95



Kit No. 434 Curtiss Hawk III \$29.95



Kit No. 428 Fairey Battle \$44.95



Kit No. 429 Fairey Battle Trainer \$44.95



Kit No. 430 Fairey Battle Target Tug \$44.95



Kit No. 438 Mitsubishi A5M4K \$29.95



Kit No. 435 Bristol Blenheim I/IF \$54.95



Kit No. 436 Bristol Blenheim IV \$54.95



*Kit No. 437 Bristol Blenheim MK V \$54.95



Kit No. 426 N/A P-51H \$29.95



Kit No. 416 Boeing P-12E \$29.95



Kit No. 417 Boeing F4B4 \$29.95



Kit No. 422 Bloch MB152 \$29.95



Kit No. 423 Bloch 155 \$29.95

*Soon to be released

Our kits are designed with the experienced collector and modeller in mind and give you the potential to create real masterpieces in 1/48th scale.

All our kits are available worldwide. Contact your distributor for your nearest retail stockist.

If you have a problem tracking down any item feel free to call us direct.

USA -

- Argosy Distributors
- Coulter Bennet Ltd
- Douglas Model Distributors
- Great Lakes Distributors
- Hobbytime Distributors

- Legacy Distributors
- Military Model Distributors
- Sentai Distributors
- Stevens International
- The Right Stuff

Japan -

- Beaver Corp
- Hasegawa
- The Right Staff Products

Australia -

- JB Model Wholesalers

France -

- Cocktail Jouets

Hong Kong -

- Falcon Supplies Co.

Canada -

- Canadian Hobbycraft

UK -

- HG Hannant

Published by SAM PUBLICATIONS
4 Princeton Court, Pilgrim Centre
Brickhill Drive, Bedford MK41 7PZ
Telephone: +44 (0) 8707 333373
Fax: +44 (0) 1234 261251
Email: samkit@globalnet.co.uk

PUBLISHER: Steve Elliott
EDITOR: Richard A. Franks
EDITORIAL ASSISTANT: L.S. Lever
EDITOR'S PA: Mandy Hunt
PRODUCTION & ART DIRECTION: Simon Sugarhood
TECHNICAL PROOF READING: WordCraft
AVIATION ILLUSTRATIONS: Richard J. Caruana;
Michele Marsan
AVIATION HISTORIANS: Ian K. Baker;
Richard J. Caruana; Harry Woodman
CONTRIBUTORS THIS MONTH: Richard J. Caruana;
Bill Clark; Frank T. Cuden; Peter Fearis;
Rod Holland

REVIEW TEAM THIS MONTH:
Ian Claxton; David Francis; Paul G. Gilson;
Paul Gold; Paul Janicki; Mike J. Kingsley;
Simon Snape

EDITORIAL E-MAIL: samkit@globalnet.co.uk
Also use this address for back issue orders, subscription enquiries or book orders. Note that we cannot undertake research into specific or general aviation queries and that there may be some delays in responses from the contributors, as they are not based at the editorial address.

ADVERTISING DIRECTOR: Mark Peacock
ADVERTISING MANAGER: Chris McCarthy
ADVERTISING EXECUTIVE: Viviana Pennetta
Tel: 01234 216016

OVERSEAS REPRESENTATIVES
Australasia - Mrs Dallas Honey
Link 2000 Ltd, 0064 (9) 274 1491
USA - Jim Boeyer
+1 (706) 779 2279

PRE PRESS PRODUCTION: DMZas Marketing (UK)
PRINT PRODUCTION: Polestar (UK)
DISTRIBUTION: MMC (UK)

NORTH AMERICAN DISTRIBUTION:
Disticor, 695 Westney Rd South, Suite 14,
Ajax, Ontario, Canada L1S 6M9
Tel: (905) 819 6565

Contributions and photographic material are welcome, but must be accompanied by address postage to cover return. SAM Publications accept no responsibility for loss or damage to materials supplied.

© SAM PUBLICATIONS 2000
Articles, photographs and drawings published in Scale Aviation Modeller International are protected by copyright. Reproduction in whole or in part is forbidden without prior authority of the publishers. Opinions expressed by contributors and advertisers are not necessarily those of the editor or publisher. SAM Publications reserves the right to suspend or refuse any advertisement without giving reasons. Whilst every care is taken to avoid mistakes SAM Publications cannot be liable in any way for any errors or omissions. Nor can the publisher accept responsibility for the bona fides of advertisers.

SUBSCRIPTIONS

Cheques/Money Orders in Sterling only made payable to SAM PUBLICATIONS and sent to the address above. Major credit card payment accepted by telephone. Subscription Hotline +44 (0) 8707 333373

AMERICAN SUBSCRIPTIONS

WISE OWL WORLDWIDE PUBLICATIONS
1926 S. Pacific Coast Highway, Suite 204,
Redondo Beach, CA 90277, USA
Telephone: 310-944-5033 Fax: 310-944-9963
9am-5pm Pacific time, Mon-Fri
- VISA/Mastercard accepted
Subscription rates: \$76 surface; \$92 air.

American shops and trade may obtain copies from Kalmbach Publishing
Toll Free 1 800 558 1544
Canadian shops and trade may obtain copies from Gordon & Gotch
Toll Free 1 800 438 5005

Questions to Contributors

If you have a question or query you wish to raise with any of the contributors to this magazine, this should be made IN WRITING to the SAM Publications address, neither the Editor nor any of the contributors are at SAM Publications on a daily basis and the Editor asks for all inquiries to appreciate the fact and be patient. Please understand that the staff at SAM Publications do not have access to the information you require and therefore cannot answer your questions on the phone. Please enclose a stamped SAE with all inquiries, if you anticipate a reply, thank you.

Samples for Review

Scale Aviation Modeller International is always happy to review new products within its pages. Any item which you feel is appropriate will be given due consideration for inclusion in the title. Any company, local representative, importer, distributor or shop which wishes to have products reviewed within Scale Aviation Modeller International should send them directly to the editorial address, and clearly mark them for the attention of the Editor. Confirmation of receipt of the samples will be supplied if requested. For all international consignments the above applies, but please ensure that the package is clearly marked for customs as a sample, free of charge, to reduce the risk of unnecessary delays. Thank you.

Company/Suppliers Address Details & General Enquiries
Please note that the Editor and staff at SAM Publications cannot help with general enquiries about contact details for companies, importers or model shops where products may be mentioned in Scale Aviation Modeller International. If the address information is not included with the review or, please check the advertisements in this journal for all suitable UK addresses and only contact the firm directly if it is noted that there is the UK source. We are sorry, but we cannot help with details of companies which do not advertise in the magazine. Also note that neither the Editor nor contributors will undertake specific or general aviation research for enquiries. Thank you.

Scale Aviation Modeller International is produced monthly by SAM Publications and is distributed to the news-stand by the last Thursday of each month. Next edition date is 29th December 2001.

News & Reviews

922... News Update

All the latest modelling news from around the world.

925... News Update Special

A quick look at all the new goodies that were available at the recent IPMS/UK Nationals



926... Previews

An initial look at new kits that we have received for review.



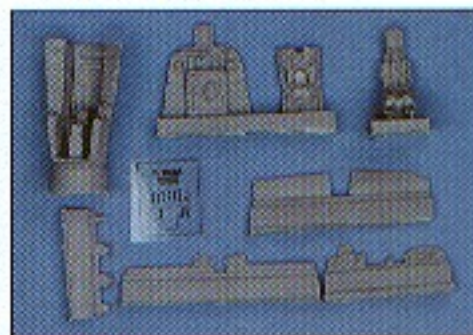
930... Reviews

The Review Team builds a selection of the latest kits.

938... Accessories

This month we take a look at recent products from Cutting Edge, Teknics, Black Box, RVHR, CMK and WingMan.

Also includes news section.



942... Decals

Some of the latest sheets from Fantasy Printshop, Albatros Modelworks, JetDecal, Cutting Edge, Custom Aeronautical Miniatures, Tauro Model, Fox One Decals, Sky's Decals and Carpena.

Also includes news section.

948... Modelling Products

A selection of new 'Express Mask' releases from Eduard M.A.

Regulars

992 The Bookshelf including news

996 Advertisers Index

996 Clubs & Societies

997 Readers Classified Advertisements

997 Events Diary

998 Address List



Features

950 ... Tornado GR.1a

Bill Clark converts the Revell® 1/32nd scale GR.1 into a GR.1a.



956 ... Rata

Frank T. Cuden details the Hobbycraft 1/48th scale kit with a Medallion Models update set.

964 ... Emperor's Wings

After a bit of a break, Peter Fearis' series returns with his build of the huge 1/72nd scale G5N2 by Create 301.



968 ... Typhoon

This month Richard J. Caruana takes a look at the Hawker Typhoon and includes a selection of colour profiles and scale plans.



976 ... World War One Wings

Rod Holland continues his series with a build of the 1/48th scale Vickers Vimy from TC Models.

981 ... Diorama - Pt.6

Nick J. Wigman continues his series dealing with the whole subject of dioramas for your models.



990 ... Photo Album

An selection of photos inside a Convair TF-102 during its restoration at the Yankee Air Museum.

Pamir

Would the gentleman who obtained the above from me at the IPMS/UK Nationals please get in contact via the editorial address.

R.A. Franks
Editor

[illegible]

Each 10 Marbles at \$0.50 price per order.
Is to value of £51.00 postage to max of \$2.
Cust. 012 53 8552. Books £1.20

Onwards!

This edition marks the end of Volume 6, and my fifth year as editor of Scale Aviation Modeller International. At the end of each year I often look back and think 'did we get all that in!', well, yes we did. This year has seen yet more improvements of the title, as well as yet more pages. We will be just short of 1000 pages for this volume, which for a £33.00 (UK) subscription is excellent value. No other modelling title offers you so many high quality features, and extensive product reviews. Last year I recall mentioning the increase in products that we have covered, and this year sees a similar growth in the coverage we offer to our readership worldwide.

Creating an international magazine each month is very involved, and with all things in life you can't please everyone all the time. In the past six years various comments have been made about this title. Some are valid points that we have taken on board and worked with, while the rest are very personal views from a certain section of the hobby which are best left. I am happy with the excellent feedback we get from 99.9% of our readership worldwide, and during the recent IPMS/UK event this was certainly the case from all of you that dropped by our stand.

Thanks

I must extend thanks to a great many people associated with this title, but the list would be endless, so for now I will concentrate on those contributors who make our title what it is.

Richard J. Caruana - A special word of thanks to someone who certainly needs no introduction. His work graces our magazine on a regular basis and I would like to extend my own, personal, appreciation of his excellent work - thanks Richard!

the year Peter was extremely ill, and as a result all of his modelling etc ceased. I am pleased to say that he is back up to full strength now and we will round out Volume 6 with his most recent article in the series (see elsewhere in this edition). Hopefully there will be more from Peter during 2001.

Reviewers

A big vote of thanks must go to our Review Team. With over 80 in the team now, there are far too many names to list here, but I would like to extend my thanks to all of them for their work throughout the year. Ceaseless dedication to building all those weird (and no-so weird) kits I keep sending them, is an example to us all!

Throughout this year we will have reviewed over 120 models in the standard review format, as well as those that get more involved coverage in article form and it is all down to the Review Team that we can do this - Thank you ladies and gentlemen

Manufacturers

A big word of thanks to the hundreds of firms that have supplied us with products for evaluation throughout the year. To list all of these firms would fill about two pages, so I will just extend a big vote of thanks to all of them for their support. We have always had good relations with all the major firms in this industry, and although there have been some major upheavals this year within the hobby as a whole, I am delighted to find that the manufacturers and their UK distributors have remained supportive of this magazine. We have also covered a great many new names in the hobby this

about advertising to make them directly to our Advertising Director, Mr Mark Peacock. Mark can be contacted at the office during normal working hours, and I am sure he will be able to answer any points or queries you may have about adverts that appear in this magazine.

The Datafiles

This series was launched by SAM Publications in 1998, and since then we have released four titles in the series. The most recent is the Avro Lancaster, which came out at the end of October. The series has proved very popular with both static and radio-controlled model makers. Its popularity means that the first title in the series (de Havilland Mosquito) is now out of print. We have no intention of reprinting this title, so if you have been waiting to get a copy I would advise you to track one down as only a small number remain with wholesale and retail outlets.

For 2001 we have a number of titles planned, but I know how plans can go astray, so all I will confirm is the second part of the Spitfire coverage (Griffon powered) in early 2001, followed by the Bristol Beaufighter. There are others, but for now, I am saying nothing!

The Future

How do we move forward again! This was a question many of you asked at the recent IPMS/UK event. Over the past year this title has expanded to 84 pages per month, gone full-colour and gained that heavyweight gloss cover. The latter item is not a 'gimmick' as it means that the magazine survives the rigors of the magazine wholesale distribution system, as well



This year's major article authors have included (listed in the order in which they appeared): Derek Pennington, Przemyslaw Skulski, Kevin Callahan, Steven J. Corvi, Pierluigi Berrone, Ian K. Baker, Mark Attrill, Gary Hatcher, Nicholas J. Wigman, Bill Clark, Rod Holland, Harry Woodman, Joel Christy, Frank T. Cuden, Angelo Lodetti, Dai Williams, Mark Stanton, Jacques Niot, David Francis, Jim Grant, Mike Hyrons, Paul Janicki and John Wilkes. A couple of these names are relatively new, and my thanks to them for taking the time to put their work into written form so others could enjoy and learn from it. The most prolific this year must be Nicholas J. Wigman with his excellent contributions to the Eagle's Wings series and his own series on dioramas (well done Nick) and Steven J. Corvi who completed his Century Series and launched the new USN Series during Volume 6. Rod Holland and Bill Clark have also been very busy this year, although Bill has been distracted on a number of occasions, so I get the impression he has not done as much as he would like!

One name not listed is Peter Fearis. Many of you will have enjoyed Peter's excellent Emperor's Wings series in Volume 5, but this year we have not published any in the series. Earlier in

year, and to all those new firms I would like to say thanks, and good luck in the future.

We will continue to bring all the latest products to our readers attention, because if there is one thing modelers love, it is 'news'!

Advertising

An odd sub-heading I know, but this year has certainly seen an expansion in the number of pages allocated to advertising each month. Many of you passed comment on this during the recent IPMS/UK event, and so I thought that I would make comment as well. At SAM Publications we have a dedicated advertising sales department, and the allocation of space within the title for advertising is outside of my control as an Editor. Many of you may think that as Editor I not only produce the title, but own it and dictate what goes in it. I neither own it, or run it, I am just its Editor. Obviously writing to me about advertisement issues is incorrect, so I would like to direct any of you with comments

as lasting longer on the shelf in your local newsagents. Obviously I still want to expand the magazine further, and we certainly have the contents to do this. More pages leads to a number of problems though, as it increases the weight of each copy and that effects postage rates, and more pages means more paper and that costs money too. Balancing out whether more pages and its associated price increase are what the readership wants, or whether we should stay where we are for the foreseeable future is a difficult one. Which ever is the case, Volume 7 will be filled with all the latest news, kit, accessory and decal reviews, as well as high quality historical and modelling features, all of which we hope you will continue to read and enjoy.

To the Production Team that puts this title together each month, Mandy my PA for saving me from the mail, the contributors and reviewers and all our readers worldwide, many, many thanks.

Richard A. Franks
Editor

Competition Winners

Would the below-listed winners of the Revell competition (See Vol 5 Iss 7) please get in contact with me via the editorial address.

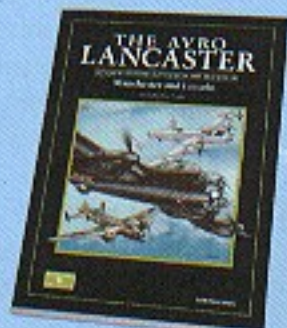
A.J. Herschell (Birmingham)
S.A. Rayner (Cambridge)
D. Tollett (Belgium)

G.T. Lynes (Abingdon)
R.J. Wright (Littlethorpe)
S.C. Browne (Liverpool)
P. Hammond (Cheshire)

R.A. Franks
 Editor



New from SAM Publications Modellers Datafile 4



Available Now

Tel: +44 (0) 8707 333373

Information wanted

If anyone has a current telephone number or address for any of the following companies or individuals, please contact SAM Publications in the first instance on 08 707 333373.

- Michael Green previously trading as House of Hobbies, 156 Balgore Lane, Romford, Essex RM2 6EP

- Stuart Tyrer previously trading as Windmill Models, 150-152 St. James Street, Burnley, Lancashire BB11 1NR.

- Justin Gorka previously trading as Swan Model Engineering Ltd., or Cloud Cover Models, Chester House, The Dingle, Colwyn Bay, Clwyd LL29 8HE.

- Alexandre Belaire trading as Precision Parts Corp., 49 Fair Oaks Crescent, Nepean, Ontario, Canada or Precision Parts Corp., Box 305, Ogdensburg, NY 13669 USA

- Shannon Gregg trading as Private Stock, 3167 St Johns Bluff Road, Jacksonville, Florida, 32246 USA.

Hasegawa

1/200th

Late October releases in the UK include the B747-400 'Ansett Australia' (#10621/£14.99), Airbus A320 'Ansett Australia' (#10622/£8.99), C-47 Dakota 'RAF' (#10623/£8.99), Hercules C Mk 1P 'RAF' (#10624/£9.99) and Airbus A320 'ANA' (#1127/£7.99).

New releases listed in Japan for December will include the Kawasaki C-1 with F-15J Radome (#10629/¥1400), Airbus A320 'Air Nippon' (#10630/¥1200) and C-47 Skytrain 'Search & Rescue' (#10631/¥1200).



1/72nd

Now available in the UK are the F-117A Nighthawk with GBU-27 guided bombs (#00086/£11.99), NP-3D Orion (#00087/£25.00), F-4C/F Phantom II 'MiG Killer' (#00089/£14.99), Kawasaki Ki-48-II 'Lily' (#00093/£10.99), Mitsubishi A6M5 Type 52 (#00094/£8.99), Sukhoi Su-30KI (#00095/£27.99), SBD-5 Dauntless 'French Navy' (#00096/£8.99) and F-16CJ Block 50 Fighting Falcon (#00448/£7.50).

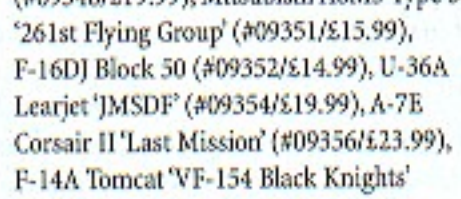
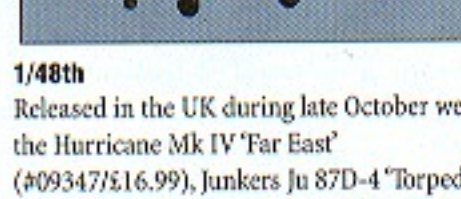
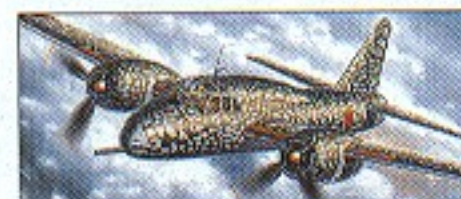
New releases in Japan during November will be the Mitsubishi T-2 CCV (#00157/¥1400), Mitsubishi Ki-109 Experimental Interceptor (#00153/¥3800), Mitsubishi Ki-46-III Interceptor (#00152/¥2000), Douglas KA-3B Skywarrior 'Naval Missile Centre' (#00155/¥3400) and Lockheed P2V-7 Neptune 'VSA' (#00154/¥3400).

December releases in Japan will include the McD D F-4E Phantom II '5000th Anniversary' (#00158/¥2200), D.H. Mosquito Mk VI 'Asia Front' (#00159/¥2000), F9F-8 Cougar 'VA-113 Stingers' (#00160/¥1200), F-100D Super Sabre '20th Tactical Fighter Group' (#00161/¥1200) and F-104G Starfighter 'Vikings' (#00162/¥1400).

Aviation Usk (Nebraska)

1/72nd

The Dornier Do 22 (#2026) that was featured in the Preview sections a few months back is now available in the UK and is £23.60.



Marines' (#09359/£34.99) and Kawasaki N1K2-J Shidenkai 'Early Version' (#JT073/£15.99).

New releases in Japan during November were the Nakajima Ki-84-I Type 4 '520th Temporary Interception Group' (#09364/¥2000), Messerschmitt Bf 109G-6 'Barkhorn' (#09363/¥2200), Nakajima Ki-84 Hayate 'Skeleton Version' (#SP241/¥4200) and Douglas A-4E/F Skyhawk (#PT21/¥2400).

Due for release in Japan during November were the ex-Monogram OA-4M Skyhawk (#HM173/¥2600), F-105D Thunderchief '192nd Tactical Fighter Group' (#HM177/¥2600), Northrop F-5F Tiger II (#HM175/¥2600), Martin B-26B Marauder 'Flak-Bait' (#HM176/¥4200) and Dassault Mirage 2000 (#HM172/¥2600). Due for release in this series during December are the F-20 Tigershark (#HM178/¥2600), Messerschmitt Me 262A (#HM179/¥2600) and F-117A Nighthawk 'Stars & Stripes' (#HM180/¥2600).

December releases in the main series in Japan will include the Ki-84 Hayate '520th Fighter Group' (#09364/¥2000), Hawker Sea Hurricane Mk IA 'Royal Navy' (#09366/¥2400) and TF-15 Eagle 'Bicentennial Bird' (#09367/¥3200).



1/48th

Released in the UK during late October were the Hurricane Mk IV 'Far East' (#09347/£16.99), Junkers Ju 87D-4 'Torpedo' (#09348/£19.99), Mitsubishi A6M5 Type 52 '261st Flying Group' (#09351/£15.99), F-16D Block 50 (#09352/£14.99), U-36A Learjet 'JMSDF' (#09354/£19.99), A-7E Corsair II 'Last Mission' (#09356/£23.99), F-14A Tomcat 'VF-154 Black Knights' (#09357/£28.99), F/A-18C Hornet 'US



Blue Max

1/48th

The next release in this scale will be the Seafang Mk 32.

Eduard M.A.

1/72nd

The latest etched detail sets in this scale are for the BAe Hawk [Italeri] (#72337/£5.30), JAS-39 Gripen [Italeri] (#72343/£6.65), Junkers Ju 188 [Italeri] (#72344/£8.15) and F-84E/G Thunderjet [Academy] (#72346/£6.65).

1/48th

New etched detail sets from Eduard include Messerschmitt Bf 109G-6 [Academy] (#48326/£8.15), F-16CJ Block 50 [Hasegawa] (#48331/£8.15), Dornier Do 335A Pfeil [Tamiya] (#48332/£8.15), I-16 Rata [Academy/Hobbycraft] (#48335/£8.15), F-104J Starfighter [Hasegawa] (#48343/£8.15), F-104C Starfighter [Hasegawa] (#48344/£8.15) and F-15E Eagle [Revell-Monogram] (#48345/£6.65).

1/32nd

New etched sets in this scale are for the Trumpeter MiG-15 (#32050/£9.50) and MiG-17 (#32051/£9.50).

Sanger

1/48th

The most recent vac-formed kit from this manufacturer is the Armstrong Whitworth Whitley with Tiger engines (#4841/£29.95).

Revell-Monogram

1/72nd

Due for reissue in the 'Monogram Classics' range during October in the USA was the N.A. F-82 Twin Mustang (#7561).

1/48th

Due for reissue in the USA during October was the Cessna A-37 Dragonfly (#5486/\$12.25). Also confirmed for reissue in this series are the McDonnell F-101 Voodoo (#85-5843) and the F-100 Super Sabre (#85-5496).

At long last due for release in the 'Pro Modeler' range is the Dornier Do 217E-5 (#5954/\$33.00), which should be out in the USA by the time you read this. The N.A. F-86D Sabre Dog (#85-5960) is also still listed, and apparently the release date is now scheduled for early in 2001. Also due in this series is the Revell F-15E Strike Eagle tooling with 'Tigermeet' markings (#85-5965) and the ex-Dragon kit of the Focke Wulf Fw 190D-11 (#85-5969) previously available in the UK in the Revell range.



Rug Rat

1/72nd

New resin kits within this range are the BAe Jetstream 31 (#03008/£28.95), BAe Jetstream T.3 (#03009/£28.95) and BAe Jetstream 31M (#03010/£28.95).



1/32nd

Back once again, although this time in the 'Monogram Classics' series, is the Phantom Mustang (#0067/\$37.60). This see-through model will include the usual sew-on collector's patch.

It has also been announced via the 2001 catalogue that the Spitfire Mk II (#85-5516) will be reissued, as well as a Fw 190F-8 (#85-5517). The latter item is not familiar to us, but it may be a conversion of an existing tooling, or one they have 'borrowed' from another manufacturer.



Fine Molds

1/48th

Due for release in Japan during November were the IJN Shusui Rocket Interceptor (#FB-06/¥2400) and an etched details set (#AC-46/¥1300) for it. Also due was the Suisei Model 33 (#FB-07/¥2800).

Please note that Arba Products are now the official UK importer for this range.

Doyusha

1/32nd

Noted in Japan was the release of the Mitsubishi Type 21 Zero Fighter with 250kg bomb (#ZEB/¥3500).

Fujimi

1/72nd

A number of aircraft kits have been reissued in Japan by this manufacturer and they include the F-86F Sabre 'JASDF'.

News Update

Hi-Tech

1/48th

The latest mixed-media kit from Hi-Tech is the L.E.G. Roland D.II 'Haifish' (£17.50).



A-Model

1/72nd

The Borokov and Florov I-207 (#7219) we featured in the Preview a few months back is now available in the UK and is £8.10.

Revell

1/144th

Special decals have been added to the Airbus A321 kit to issue it as the 'Austrian Millennium' (#4251/£8.99) version.



1/72nd

Late October releases in this scale included the Dornier Do 228 'Marinesflieger' (#4600/£6.99), Sikorsky S-55 Klu/H-19 US Coast Guards (#4460/£8.99), Dornier Do 18G-1/D-2 seaplane (#4134/£6.99), Curtiss SB2C-1 Helldiver (#4142/£4.99) and Sikorsky UH-60A Desert Hawk (#4433/£8.99).



1/48th

A special boxing of the T-6 and P-51 as Reno racers (#4347/£8.99) was released in late October. Also available are the ex-Monogram kits of the Mil Mi-24D Hind Gunship (#4462/£14.99), Northrop P-61A/B Black Widow (#4538/£14.99) and LTV F-8E Crusader (#4547/£12.99).



Minicraft

1/144th

New releases due in the latter part of 2000 and the early part of 2001 are the C-121J Constellation 'Blue Angels' and the C-118A 'Presidential Aircraft'.



Sweet

1/144th

The next release due from this Japanese manufacturer will be the Hawker Hurricane Mk I.

Please note that Arba Products have been appointed as UK distributors for this range.

Tamiya

1/72nd

The latest addition to the Warbirds series in this scale from Tamiya is the Focke Wulf Fw 190D-9 (#60751/£9.99).

1/48th

Due for release in Japan during November was the two-seat version of the Pfiel. This kit (#61076) is listed at ¥3000 in Japan, so it hopefully will be around the £25 mark by the time it reaches the UK.

The F-84GS 'Thunderbirds' (#61077/¥2600) is listed for release in Japan during December.



Academy

1/72nd

The latest release from Academy in this scale is the N.A. F-86F Sabre (#1629). We don't have any confirmed UK price or release date as yet, but it will probably be around the £5.99 mark and be in the UK by the time you read this.



Condor

1/72nd

After quite a quiet spell from this manufacturer the long-awaited kit of the Fw 189A (#72005) is listed for release within the next few months.

(#25018/¥800), F-86F Sabre 'Blue Impulse' (#25021/¥800), A-4M Skyhawk (#25022/¥800), CH-46D US Navy 'Hotel California' (#27002/¥1200), MH-53J Special Operations (#35127/¥2500), V.S. Spitfire F Mk 14E 'Belgian Escadrille' (#72003/¥1000), Ki-43-I Hayabusa '50th Flying Group' (#72032/¥1000), UH-60A Black Hawk (#72068/¥1200), CF-18 Hornet 'Canadian A.E. 75th Anniversary' (#72109/¥2000) and F-16A Plus '50th Anniversary' (#72110/¥2200).

UK modellers should note that Amerang, the Fujimi importer, advise us that it is unlikely that any of these will make their way to the UK.

Marushin

1/48th

Two kits of the IJN Type 99 Bomber (Aichi D3A Val) are listed in Japan. These are the Model 11 [D3A1] (#73610/¥8500) and Model 22 [D3A2] (#73611/¥8500). Going by the price (approx £56), they must be extremely complex!

There is no UK importer for this range.

Shanghai-Dragon

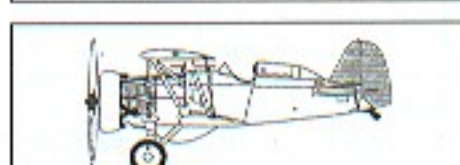
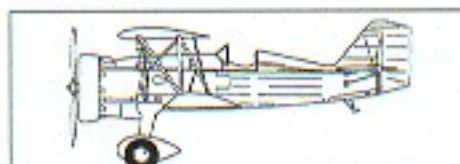
1/72nd

Reissued in Japan recently is the Heinkel He 162A-2 Volksjäger (#5001/¥1300) and the Heinkel He 219A-0 Uhu (#HD23/¥1800). The latter item is actually branded in the Hasegawa range, but hopefully in Europe this kit will be incorporated in the Shanghai-Dragon range.

Classic Airframes

1/48th

A list of future releases by this firm was recently made. These include the Curtiss Hawk II 'Cuban/Chinese' (#431/\$29.95), Boeing F11C-2/BFC-2 (#432/\$29.95), Bristol Blenheim Mk I 'Finnish/Yugoslav' (#439/\$54.95) and Curtiss Hawk III 'Argentina' (#446/\$29.95) in November. Future releases will include the Boeing P-12 '27th Pursuit Squadron' (#441/\$29.95) and Boeing F4B-4 'US Navy/Marines' (#442/\$29.95) during the last part of the year. Due in the first quarter of 2001 will be kits of the Grumman J2F-2/2A/3/4 [Early] Duck (#443), Grumman J2F-5/6 [Late] Duck (#445) and Curtiss P-6E Hawk (#444/\$29.95).

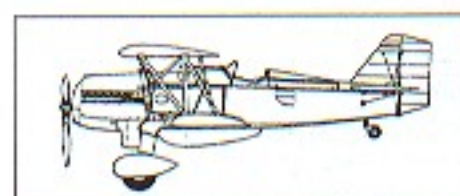
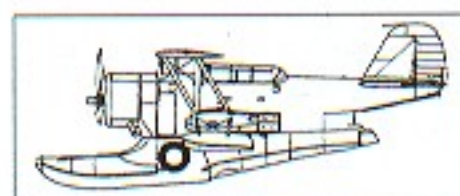
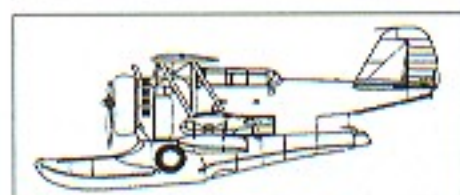
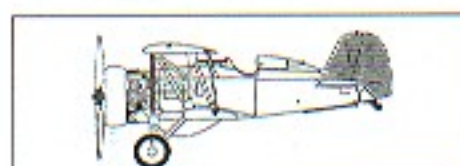


LF Models

1/72nd

The latest release from this manufacturer is the Curtiss XP-42 (#7235). The model comprises AML limited-run injection moulded Hawk 75-A4 components with all the necessary conversion parts in resin.

For more details contact LF Models directly at Gagarinova 10, 787 01 Sumperk, Czech Republic.



due to be in the UK by the time you read this. We have also heard that Hannants are now the official UK importer for the range (Amerang were the previous importers) and that just 5000 examples of this kit will be available.

MPM

1/72nd

New items due from this manufacturer include the Grumman F3F-1 (#72077), Douglas DC-2 (#72091) and the Curtiss XP-55 Ascender (#72135).

Azur

1/72nd

Apart from the reissue of the previous kits from this manufacturer a number of new subjects have been announced. These include the Arsenal VG.33/39 (#A018) and Vought 156 [Vindicator] (#A-16).

Industry News

Air Craft Models

Air Craft Models, after a two year break, hope to resume production of their range of vac-form kits in mid-2001. Those wishing to be notified when the kits are available again should write to Air Craft Models' new address: The Orchard, Memorial Lane, Felmersham, Bedford. MK43 7JG.

Pavla

1/72nd

The latest limited-run kit from Pavla is the Vought V-156F Vindicator (#72027). The kit will include resin and etched detail parts as well as decals for five machines.

Accurate Miniatures

1/48th

The new N.A. B-25C/D (#3431/£39.95) kit is

ICM

1/48th

By the time you read this three versions of the Spitfire (Mk VII & Mk IX) should be available from ICM. These will consist of the Mk IX 'RAF' (#48061), Mk IX 'Israeli' (#48063) and the Mk VIII 'USAAF' (#48065). The big news has to be the price, which is confirmed at £12.99, which seems like excellent value.



News Update Special

IPMS/UK Modelworld 2000

Just to let you know what was released at the above show (in case you did not make the event), what follows is a quick run-down with some photos. All of the items featured here will be reviewed fully next month, so this is just to tempt you! Items that we have not received yet for review, but which were mentioned or available at the event are noted in the standard News Update section elsewhere in this issue.

Model Art Decal System

A number of new decal sheets were available from Model Art and these included 72/034 (H-21, BAe Hawk, Lynx & Jodel D.140), 72/036 (Mystere IVA and Wasp) and 72/037 (Spitfire, Gazelle and Sea Venom). Also available was a 1/72nd scale resin and etched brass kit of a SEPMA Carrier Deck Tractor (#M.A.Kit 006) as currently used by the Aeronautique Navale.



Aires

Lots of new products from Aires were seen at the event and these included (in 1/72nd) Allison V-1710 (#7046), Rolls-Royce Merlin 22 (#7071) and F4F exhaust nozzles (#7072), whilst in 1/48th scale there was a Daimler Benz DB 601A (#4093), Fw 190A-3 cockpit (#4095), F-84G detail set (#4096), F-104 Starfighter cockpit set (#4098), Rolls-Royce Merlin 22 (#4099), F-104 Starfighter exhaust nozzle (#4100) and F-104 wheel well bay (#4103).



Paragon Designs

An event can't pass without some releases from Paragon, but this year there were just two. Both are in 1/48th scale and are wing (and fin) folds for the S-3 Viking (#4866) and A-6 Intruder (#4867). Note only the S-3 set has the 'fin fold'!



Plastic World Modeling Products

Remember the PWMP name from a few years back, well they are still going strong and two of their latest releases were passed to us at the event. These were an F6 Hunter engine nozzle for the Revell kit (#3212) and F-14Plus Update (#3210) for the Tamiya kit. Both, if you had not guessed, are in 1/32nd scale.



Model Design Construction

Lots of new goodies from MDC were available at the event. These included a Mk II (#CV039) and Mk III (#CV040) conversion for the Tamiya Swordfish kit. Also available were a Bf 109G-2 (#MD-A448006), Bf 109G-6 (#MD-A448007), Bf 109G-10 (#MD-A48009) and Bf 109K-4 (#MD-A48010) cockpit detail set, plus a MB Mk 4 Ejection Seat (#MD-A48013), a French Skyraider (#MD-A48014), Early Skyraider (#MD-A48015) and Bf 109G-6AS (#MD-A48016) conversion. The final items from MDC were new etched sets of seat belts and these comprised German WWII (#E48001), British Q-Type (#E48002), British Sutton Harness (#E48003), US WWII (#E48004) and French WWII (#E48005).



Helper Tech

A new name to us, but this Czech firm's products are being stocked by Parabellum in the UK. They have released five sets of 1/48th scale resin figures and they comprise RAF Pilots WWII BofB (#48001), US Paratroopers WWII (#48002), German Paratroopers [Crete] (#48003), B-17 Pilots (#48004) and 101st LRRP Helicopter Pilot [Vietnam] (#48005).



Alpha Flight

The latest couple of conversions from this firm are the Fiat-CMASA Cr.42DB (#AFC-762-03) and the Agusta-Fiat Cr.42B (#AFC-72-02). Both are designed for the MisterKit Cr.42 kit (#PMK 72-01).



Blue Rider

Two news decal/booklet sets were released by Blue Rider at the event. These cover the same subject (Albatros D.III (OEF)), but are in 1/72nd (#ICG-7201) and 1/48th (#ICG-4801) scales. Both sets are £9.50 each and the 1/72nd scale version offers markings for 30 machines, while the 1/48th scale one offers 15 options.

Dutch Decals

New in the Kits at War series is sheet K7/4 (1/72nd) which offers markings for SAAF/SALM machines [Ju 86Z, Hurricane MK IIc, Mosquito Mk XVI, Mustang Mk IV, Harvard and Spitfire]. The other sheet is in 1/48th scale (K4/6) but also covers SAAF/SALM machines [Sabre, Mustang, Harvard, Mosquito Mk XVI and Spitfire]. In the main Dutch Decals series there are two new sheets for the F-104 and TF-104 Starfighter in either 1/48th (#48029) or 1/32nd (#32006) scales.

Delta Aviation Publishing

Now that Delta owns the old ID moulds, it is no surprise to find them releasing a sheet for the massive 1/72nd scale Lockheed C-5A Galaxy (#72-006) because this is the first ex-ID kit they intend to reissue.

Launched by Delta at the event was the 'Warbirds Decals' series. This is a limited (250) run series and the first (#WB72001) is for a Nieuport 11 Bebe of the Belgian A.F.



Tikhonravov I-302P

Scale: 1/72nd
Kit No: 7220
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited Run Injection Moulded Plastic
Parts: Plastic 20 (White), Clear 1
Decal Options: 1
Manufacturer: A-Model
Worldwide Distributor: IBG
UK Distributor: Pocketbond Ltd



Bell P-400 Airacobra

Scale: 1/48th
Kit No: 8061
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 122, 6 Clear
Also Includes: Nose Weight, Canopy, Wheel Hub & Marking Die-Cut Masks
Decal Options: 2
Manufacturer: Eduard M.A.
Obtain in UK via: LSA Models & Hannants



DFW Roland D.VIa/b

Scale: 1/72nd
Kit No: N/A
Price: £5.99
Panel Lines: Raised ✓
Status: New Tooling ✓
Type: Limited Run Injection Moulded Plastic
Parts: Plastic 27 (Green)
Decal Options: 2
Manufacturer: Interavia
Obtain in UK via: Hannants



Fairey Battle Mk I

Scale: 1/72nd
Kit No: 72090
Price: £9.50
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited Run Injection Moulded Plastic & Resin
Parts: Plastic 49 (Grey), Resin 30, Clear 3 (Inj)
Decal Options: 4
Manufacturer: MPM
Obtain in UK via: Hannants



Borovkov-Florov I-207

Scale: 1/72nd
Kit No: 7219
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited Run Injection Moulded Plastic
Parts: Plastic 49 (White), Clear 1
Decal Options: No Markings Applied
Manufacturer: A-Model
Worldwide Distributor: IBG
UK Distributor: Pocketbond Ltd



Fokker E.V/D.VIII

Scale: 1/72nd
Kit No: 004
Price: £4.99
Panel Lines: Engraved ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 40 (Grey)
Decal Options: 3
Manufacturer: Roden
UK Distributor: Pocketbond



Mil Mi-28 Havoc

Scale: 1/72nd
Kit No: 2501
Price: £TBA
Origin: Dragon (Hong Kong)
Panel Lines: Recessed ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 114 (Grey), 5 Clear
Decal Options: 1
Manufacturer: Shanghai-Dragon
UK Distributor: The Hobby Company Ltd



Supermarine Attacker FB.1/2

Scale: 1/48th
Kit No: 0348
Price: £36.00
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin, White Metal & Vac-formed Clear
Parts: Resin 9, Metal 32, Clear 4
Decal Options: 3
Manufacturer: Magna Models



Vickers Vimy

Scale: 1/72nd
Kit No: 72258
Price: £7.99
Origin: Frog (UK)
Panel Lines: Raised ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 95 (Grey), 4 Clear
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Nieuport Triplane (RFC)

Scale: 1/72nd
Kit No: 7286
Price: £15.00
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin
Parts: Resin 24
Decal Options: 1
Manufacturer: RVHP
Obtain in UK via: Hannants



Bristol Blenheim Mk IV/IVf

Scale: 1/48th
Kit No: 436
Price: £34.95
Panel Lines: Recessed ✓
Status: Modified Tooling ✓
Type: Limited Run Injection Moulded Plastic & Resin
Parts: Plastic 63 (Grey), Resin 69, Clear 5 (Inj), 1 (Vac)
Decal Options: 2
Manufacturer: Classic Airframes
Obtain in UK via: Aeroclub, Hannants & LSA Models



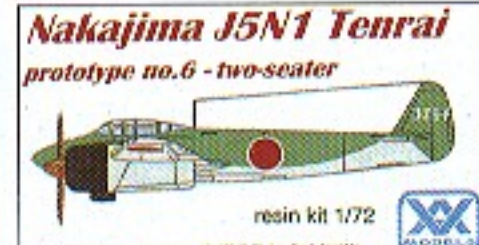
Blackburn Firebrand TF.5

Scale: 1/48th
Kit No: 0248
Price: £36.00
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin, White Metal & Vac-formed Clear
Parts: Resin 10, Metal 38, Clear 2
Decal Options: 3
Manufacturer: Magna Models



Nieuport Ni.17

Scale: 1/32nd
Kit No: 2190
Price: £10.99
Origin: Hobbycraft (Canada)
Panel Lines: Recessed ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 59 (Grey), 1 Clear
Decal Options: 2
Manufacturer: Academy Plastic Model Co., Ltd
UK Distributor: Toyway



Nakajima J5N1 Tenrai

Scale: 1/72nd
Kit No: 097
Price: £21.00
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin, White Metal, Etched Brass & Vac-formed Clear
Parts: Resin 43, Metal 2, Etched 17, Clear 1
Decal Options: 1
Manufacturer: A&V Models
Obtain in UK via: Hannants



Bristol Blenheim Mk IV

Scale: 1/72nd
Kit No: 72089
Price: £11.25
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited Run Injection Moulded Plastic, Resin & Etched Brass
Parts: Plastic 90 (Grey), Resin 7, Etched 11, Clear 6 (Inj)
Decal Options: 3 (RAF, Free French & Finnish)
Manufacturer: MPM
Obtain in UK via: Hannants



Hansa Brandenburg W.29

Scale: 1/72nd
Kit No: 72163
Price: £8.50
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 49 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond

Resin Riot!

Cutting Edge®

MODELWORKS

Conversion & Detailing Sets

1/32		
CEC32002	F-14A Backdate for Tamiya F-14A (1994) Kit	\$9.99
CEC32004	Martin-Baker MK-15 Ejection Seat	\$14.99
CEC32007	GBU-10/AV 2000 lb Laser Guided Bombs (2)	\$14.99
CEC32014	M117 750 (850) lb Bombs (4)	\$14.99
CEC32018	F-15F-40/60 High Speed 600 Gal Fuel Tank	\$12.99
CEC32021	AGM-88 HARM Missiles & LAU-118 Rail Adapters (2) (mid-December)	\$18.99
CEC32023	Vietnam F-4E conversion for the Tamiya F-4C/D kit	\$34.99
CEC32024	F-4E Update Set: leading edge slats, airframe & cockpit upgrades for the later F-4Es	\$39.99
CEC32025	F-4S Conversion for Tamiya F-4	\$28.99
CEC32026	F-4G Conversion for Tamiya F-4; requires set CEC32024	\$35.99
CEC32027	US Ribbed Oxygen Hose (flexible)	\$8.99
CEC32028	German WWI Oxygen Tubing (flexible) with resin hose fittings	\$8.99
CEC32029	F-4E/GJ Detailed Exhaust Nozzles for Tamiya	\$12.99
CEC32030	F-4C/D/E/GJ Intakes for Tamiya	\$12.99
CEC32031	Fw 190A-8 Super Detailed Cockpit	\$24.99
CEC32032	Fw 190D-9 Super Detailed Cockpit	\$24.99
CEC32034	F-4 (navy) Slightly Bulged Tires	\$7.99
CEC32035	F-4 (air force) Slightly Bulged Tires	\$7.99
CEC32036	MIG-15/MIG-17 bulged wheels	\$7.99
CEC32043	Revell B8 Gunsight (2)	\$4.99
CEC32044	GBU-8 HOSOs Vietnam-era smart bomb (2)	\$16.99
CEC32045	Fw 190A-D Seat WITHOUT Seatbelts	\$5.99
CEC32046	WW2 Luftwaffe KG-13 Control Stick & Rudder pedals	\$5.99
CEC32047	Fw 190A-D Corrected Inboard Wing Cannon Bulges for Hasegawa	\$5.99
CEC32048	MIG-15 Super Detailed Cockpit	\$24.99
CEC32049	Israeli F-4 Phantom Refueling Probe (1/32 resin)	\$7.99
CEC32052	MIG-15 Intake Splitter	\$9.99
CEC32053	MIG-15/17 Ejection Seat	\$11.99
CEC32054	Soviet ASP-3M/BP-1B Gunsight (1/32 resin)	\$4.99

1/35		
CEC35001	Stretchers Cases for MASH Helicopters, etc.	\$10.99
CEC35002	PzKw II & StuG II Return Rollers	\$5.99
CEC35003	PzKw II Armored recoil gun barrel base plate (2)	\$4.99

1/48		
CEC48001	MH-53J PAVE LOW weapon set	\$17.99
CEC48002	MH-60G PAVE HAWK weapon set	\$15.99
CEC48003	UH-60 M-60 machine gun set	\$6.99
CEC48004	Soviet Small Weapons set (2x KILTER and 2x KEDGE)	\$19.99
CEC48006	UH-1D & N "door pocket" bladder fuel tanks (2)	\$5.99
CEC48007	UH-1D & N minigun set (Vietnam & USAF 20th SOS)	\$12.99
CEC48009	UH-1N minigun set (USMC/USN)	\$12.99
CEC48010	.50 caliber machine guns (2)	\$4.99
CEC48011	.50 caliber ammo flex chutes (2)	\$3.99
CEC48012	P-47N Super Detailed Cockpit	\$14.99
CEC48013	R-1830 radial engine (1)	\$5.99
CEC48014	BF 109K Corrected left rear fuselage for Revell/ProModeler	\$8.99
CEC48018	Soviet Weapons #2 (2 x KEDGE)	\$12.99
CEC48019	Soviet Weapons #3 (2 x KILTER)	\$12.99
CEC48020	K-350M Ejection Seat with etched metal details	\$8.99
CEC48021	Blackhawk Instrument Panels (non-FLR aircraft)	\$5.99
CEC48022	A-26C Correction Set	\$15.99
CEC48023	Blackhawk FLR Turbine & Instrument Panels	\$6.99
CEC48024	Back in Stock! R-2800 Radial Engine (1)	\$4.99
CEC48025	UH-1 Armored Seats (2)	\$3.99
CEC48027	HARM missiles & LAU-118 adapters (2)	\$12.99
CEC48028	F7F-2/2M/3/3N Tigercat Wingfields for all AMT kits	\$19.99
CEC48029	A-26B 6-Gun Nose Conversion	\$19.99
CEC48030	MIG-29 Nozzles & "Burner" Cans	\$12.99
CEC48032	MH-53J PAVE LOW Cockpit Set for Revell	\$19.99
CEC48033	UH-1N Cockpit (Panel, Console, & 2 Armored Seats)	\$9.99
CEC48034	CH-53D Cockpit Set for Revell	\$15.99
CEC48035	H-60 Blackhawk Seats (2)	\$5.99
CEC48036	H-60 Blackhawk 450 Gal Fuel Tanks	\$7.99
CEC48037	H-34 Cockpit Detailing Set for Revell	\$19.99
CEC48038	Sea King Short Spoilers & Radomes	\$14.99
CEC48040	AC-47 Gun Set	\$22.99
CEC48041	Ju 88 "Berlin" Nose	\$4.99
CEC48042	Ju 88/188/388 Flaps	\$7.99
CEC48043	Navy F-SE Update	\$5.99
CEC48045	FW-18 Slats & Flaps for Monogram	\$13.99
CEC48046	FW-18 Update Set	\$5.99
CEC48048	WWII Japanese Carrier Deck, 11" x 14" resin carrier deck	\$24.99
CEC48049	USN WWI Korea Carrier Deck, 11" x 13.5" carrier deck	\$24.99
CEC48050	Redstone Missile Conversion for Glencoe Jupiter	\$18.99
CEC48052	C-130 "Roman" Nose	\$7.99
CEC48053	EA-6B Correction for Revell EA-6B	\$34.99
CEC48056	F-4D Bulged Tires	\$5.99
CEC48057	F-14D Bulged Tires	\$5.99
CEC48060	Su-27 Flanker Super Detailed Cockpit	\$18.99
CEC48061	Su-27/35 Nozzles & "Burner" Cans	\$12.99
CEC48062	Su-27/35 Bulged Tires (1/48 Resin)	\$7.99
CEC48065	F7F-2/3 Cockpit Super Detailing Set	\$15.99
CEC48067	P-40B/C Detailed Cockpit	\$14.99
CEC48068	F7F-3N Conversion Set with rear cockpit detailing set, correct radar nose and white metal nose gear strut	\$21.99
CEC48076	A-26B/C nose gear strut (silver)	\$3.99
CEC48078	Fw 190A-5/6/7/8 conversion for the Tamiya Fw 190F-8	\$16.99
CEC48079	Su-22M5U-17M Cockpit Super Detailing Set	\$18.99
CEC48080	Su-22M Fitter Nozzle & "Burner" Can	\$8.99
CEC48082	Su-22M Exterior Detailing Set	\$24.99
CEC48086	He 111Z "Zwilling" Conversion	\$49.99
CEC48087	BF 109Z "Zwilling" Conversion	\$29.99
CEC48088	LC-130 Ski Conversion Set for Testors/Taler C-130	\$19.99
CEC48089	SBD-1 Cowl for Hasegawa	\$9.99
CEC48090	F4F-3S Wildcatfish Conversion for Tamiya	\$39.99
CEC48091	Luftwaffe RATO Bottles/Parachute Packs (2)	\$8.99
CEC48092	Luftwaffe 900L External Fuel Tanks for He 111, BF 110, etc.	\$9.99

CEC48093	Cockpit Instrument Dials in 1/48 & 1/32 clear acetate)	\$8.99
CEC48094	F-100C Conversion for Monogram	\$23.95
CEC48095	Luftwaffe High Altitude Drop Tank for Bf 152, Fw 190D, etc.	\$6.99
CEC48096	Beaufighter Super Detailed Cockpit	\$19.99
CEC48097	Beaufighter "Flat" Horizontal Tail Assembly	\$10.99
CEC48101	Beaufighter Mk.X Extended Fin Conversion	\$8.99
CEC48102	Skyraider (AD-2 to AD-7) Korean War Super Detailed cockpit	\$16.99
CEC48103	A-1H Vietnam War Super Detailed cockpit with accurate Yankee Extraction Seat	\$16.99
CEC48104	U-2R/S/TR-1A Senior Spar, Senior Spear & Senior Ruby Conversion Set	\$18.99
CEC48106	U-2R/S/TR-1A ASARS II Nose Conversion	\$12.99
CEC48109	R6F Corrected Cowl for Hasegawa	\$11.99
CEC48110	US Ribbed Oxygen Hose (flexible)	\$7.99
CEC48111	German WWI Oxygen Hose (flexible) with fittings	\$7.99
CEC48112	F7F White Metal Nose Gear Strut	\$4.99
CEC48113	Beaufighter Mk. WW21 replacement "Hedgehog" Exhausts	\$3.99
CEC48114	Beaufighter Mk. WW21 Hercules engines with "Hedgehog" exhausts and fully detailed landing gear doors	\$22.99
CEC48115	Hawker Hunter Super Detailed Cockpit for Academy	\$14.99
CEC48116	TBF-1 Nose Gun Modification for Accurate Miniatures kits	\$8.99
CEC48117	M117 750 lb Bombs (late tail fins) (12)	\$12.99
CEC48118	BAe Lightning Cockpit Super Detailing Set for Airfix	\$14.99
CEC48119	Skyraider Non-Armor Conversion. Includes front fuselage halves without armor plate; lower wing center section without armor; AD-3M streamlined inboard wing pylons; and car doors and air intake for AD-4N	\$22.99
CEC48121	F4D-1 Skyray Cockpit for the Tamiya Kit	\$14.99
CEC48122	Bf 110G open gun bay for Revell/ProModeler	\$12.99
CEC48123	F-84EG Cockpit Super Detailing Set for 1/48 Tamiya	\$17.99
CEC48124	Spiritfire Mk. 22/24 Super Detailed Cockpit	\$16.99
CEC48125	Vickers "K" Gun in jewelry quality cast brass	\$5.99
CEC48126	Skyraider Corrected Prop	\$6.99
CEC48128	F8F-1 Super Detailed Cockpit	\$14.99
CEC48129	F8F-2 Super Detailed Cockpit	\$14.99
CEC48130	F8F-1 Corrected Cowling for Hobbycraft	\$9.99
CEC48131	Hawker Typhoon Cockpit Super Detail Set	\$16.99
CEC48132	TBM-3 Paddle Blade Prop for Accurate Miniatures	\$5.99
CEC48133	F8F Corrected Prop	\$6.99
CEC48134	F8F-2 Bearcat Cowling & Front Fuselage Correction Set	\$16.99
CEC48135	F4D-1 Skyray Wingfold Set	\$16.99
CEC48136	A-1 Skyraider Wingfold Set	\$22.99
CEC48137	F7F Tigercat Slightly Bulged Tires	\$5.99
CEC48139	Mosquito B/WFR.V Super Detailed Cockpit	\$21.99
CEC48140	F8F-1/2 Bearcat Wingfold Set	\$16.99
CEC48141	P-40B/C & P-36 Detailed Seat & Mount	\$5.99
CEC48142	F6F & F7F-2/3 Detailed Pilot's Seat (2)	\$7.99
CEC48143	Fw 190A-D Detailed Pilot's Seat (2)	\$7.99
CEC48144	Martin Baker Mk.2 Ejection Seat	\$6.99
CEC48145	Martin Baker Mk.4 Ejection Seat	\$6.99
CEC48146	P-47N Detailed Pilot's Seat & Mount	\$5.99
CEC48147	Beaufighter Detailed Pilot & Gunner Seats	\$7.99
CEC48148	Typhoon Detailed Pilot's Seat (2)	\$7.99
CEC48149	RAF 1000 lb Bombs (4)	\$9.99
CEC48150	Typhoon Detailed Exhausts for Tamiya	\$4.99
CEC48151	Republic F-84E/Early F Fully Detailed Ejection Seat	\$7.99
CEC48152	Douglas F4D-1 Fully Detailed Ejection Seat	\$6.99
CEC48153	Mosquito Pilot & Navigator Detailed Seats	\$7.99
CEC48154	Luftwaffe 300 Liter Drop Tank & Rack for Bf 109, Fw 190, etc.	\$7.99
CEC48155	USAAF K-14 Fully Detailed Gunsight (WW I P-47, P-51, many Korean War aircraft, etc.)	\$3.99
CEC48156	USN Mk. 8 Fully Detailed Gunsight for F4E, F6F, F7F, F8F-1, F4U, etc.	\$3.99
CEC48157	British GM-2 Fully Detailed Gunsight for Spitfire, Hurricane, Typhoon, Beaufighter, Mosquito, Tempest, etc.	\$3.99
CEC48158	Revell C-12D Fully Detailed Gunsight for Bf 109, Fw 190, etc.	\$3.99
CEC48159	British Mk.9 Ace Marker Fully Detailed Gunsight for late WWI British fighters (USAAF Mk. 14 was developed from this sight)	\$3.99
CEC48160	USN Mk. 6 Fully Detailed Gunsight for F8F-2 and other late-40s/50s aircraft	\$3.99
CEC48161	Hispano-Suiza 20mm Exposed Gun Barrels, Type A/B/C (4 of each)	\$6.99
CEC48162	British WWI Radio Sets: Sets 1155, 1154, Gee, etc.	\$7.99
CEC48167	Martin Baker HS Ejection Seats (2) for ALL F-4s (except F-4E) until about 1970, US & Foreign. (WITH cast belts)	\$9.99
CEC48168	Ta 154A Corrected VS-9 props	\$9.99
CEC48169	MIG-3 Super Detailed Cockpit for ICM	\$14.99
CEC48170	USAF A-4 Gunsight for F-8A, F-8E, and many 1950s aircraft	\$3.99
CEC48171	M116 for Mk 77 Mod 0 Five Bombs (Napalm) from 1950s-60s (2)	\$8.99
CEC48172	Luftwaffe Revell 16 Gunsight for Bf 109, Fw 190, etc.	\$3.99
CEC48173	A6M Zero Pilot's Seat (fits other Japanese Aircraft)	\$4.99
CEC48174	USAAF N-3 Gunsight for the P-39, P-40, P-47, P-51, F4E, F2A, B-25G/W, etc.	\$3.99
CEC48175	USAF A-1CM Gunsight for many '50s jet fighters	\$3.99
CEC48176	Martin Baker HS Ejection Seats (2) for F-4s (except F-4E) (WITHOUT cast belts)	\$9.99
CEC48177	F-8D Shooting Star Super Detailed Cockpit	\$15.99
CEC48182	R6F Helikat Wingfields (1/48 resin) (late December)	\$39.99
CEC48184	B-25 Corrected Cowls for Accurate Miniatures (Early)	\$14.99
CEC48185	EA-6B Folded Wings (Late Composite Wing)	\$39.99
CEC48191	Soviet WW II FBP-1 Gunsight for all WW II Soviet Fighters	\$3.99
CEC48192	Soviet Armored Pilot Seat with belts for many WW II aircraft	\$3.99
CEC48193	Ju 87 Open Landing Gear Struts & Spats	\$16.99
CEC48195	F-86A Conversion for the Hasegawa or Academy kits	\$34.99

CEC48197	F-86E (early) Conversion for the Hasegawa or Academy	\$22.99
CEC48198	F-86E (late) conversion for Hasegawa & Academy F-86F	\$17.99
CEC48199	FuG 162Y Loop Antenna in lost-wax cast brass for most mid-to-late war Luftwaffe	\$5.99
CEC48200	FuG 220 Lichtenstein SN-2b Antenna Array for Bf 110G-4	\$14.99
CEC48201	FuG 220 Lichtenstein SN-2c Antenna Array for Bf 110G-4	\$16.99
CEC48202	FuG 220 Lichtenstein SN-2d Antenna Array (includes R-antenna for tail warning radar) for Bf 110G-4	\$18.99
CEC48203	FuG 212 Lichtenstein C-1 Radar Antenna Array for Bf 110G-4 (thin center pole) (1/48, Cast Brass w/resin mounts)	\$12.99
CEC48204	FuG 212 Lichtenstein C-1 Radar Antenna Array for Bf 110G-4 (thick center pole) (1/48, Cast Brass w/resin mounts)	\$12.99
CEC48205	FuG 212 Lichtenstein C-1 Radar Antenna Array for Bf 110G-4 (Conical center pole) (1/48, Cast Brass w/resin mounts)	\$12.99
CEC48206	FuG 218 Neptun GR Radar Antenna Array for Bf 110G-4	\$17.99
CEC48207	FuG 227 Fieseler wingtip Radar Antenna Array for Bf 110G-4	\$8.99
CEC48208	FuG 202 Lichtenstein BC Radar Antenna Array for Bf 110G-4 (1/48, Cast Brass w/resin mounts)	\$19.99
CEC48209	FuG 220 Lichtenstein SN-2c Antenna Array for He 219A (1/48, Cast Brass w/resin mounts)	\$14.99
CEC48210	FuG 220 Lichtenstein SN-2d Antenna Array (includes R-antenna for tail warning radar) for He 219A (1/48, Cast Brass w/resin mounts)	\$18.99
CEC48211	FuG 202 Lichtenstein BC Radar Antenna Array for He 219A	\$15.99
CEC48212	FuG 212 Lichtenstein C-1 Radar Antenna Array for He 219A	\$12.99
CEC48213	FuG 218 Neptun GR Radar Antenna Array for He 219A	\$17.99
CEC48214	F-2 Flaps and Control surfaces for Accurate Miniatures	\$12.99
CEC48216	Generic Fintip Red Anti Collision Beacon, (2) Clear red warning light seen on vertical fin tips of many aircraft	\$3.99
CEC48217	F-86 Seamless Intake	\$12.99
CEC48218	F-86 Seamless Exhaust Pipe	\$8.99
CEC48220	F-86F-40 Sabre Mk6 extended slats for Hasegawa/Academy	\$19.99
CEC48224	B-25 Corrected Cowls for Accurate Miniatures (Late)	\$15.99
CEC48250	F-104G/CF-104 Super Detailed Cockpit 1/48 With Lockheed C-2 Ejection Seat (With Belts)	\$15.99
CEC48251	F-104G Super Detailed Cockpit 1/48 With Martin Baker GQ7 Ejection Seat (With Belts)	\$15.99
CEC48252	F-104C Super Detailed Cockpit 1/48 With Lockheed C-2 Ejection Seat (With Belts)	\$15.99
CEC48253	F-104A Super Detailed Cockpit 1/48 With Lockheed C-1 Ejection Seat (With Belts)	\$15.99
CEC48254	Lockheed C-2 Ejection Seat WITH Belts for F-104/TF-104/CF-104	\$6.99
CEC48255	Lockheed C-2 Ejection Seat WITHOUT Belts for F-104/TF-104/CF-104	\$6.99
CEC48256	Martin Baker GQ7 Ejection Seat WITH Belts for F-104G/TF-104G	\$6.99
CEC48257	Martin Baker GQ7 Ejection Seat WITHOUT Belts for F-104G/TF-104G	\$6.99
CEC48261	Lockheed C-1 Ejection Seat WITH Belts for F-104A	\$6.99
CEC48262	Lockheed C-1 Ejection Seat WITHOUT Belts for F-104A	\$6.99
CEC48263	NF-104A Aerospace Trainer Super Detailed Cockpit	\$15.99
CEC48264	NF-104A Aerospace Trainer Conversion Set for Hasegawa	\$23.99
CEC48265	F-104A/CE External Detailing Set for Hasegawa	\$14.99
CEC48266	F-104G/CF-104 External Detailing Set for Hasegawa	\$16.99
CEC48267	F-104S Conversion for Hasegawa	\$17.99
CEC48268	JF-104A Conversion for Hasegawa	\$14.99
CEC48269	P-39/P-400 Super Detailed Cockpit for Eduard	\$15.99

1/72		
CEC72003	LC-130 Ski Conversion Set for any C-130 kit	\$12.99
CEC72005	US Ribbed Oxygen Hose (flexible)	\$6.99
CEC72007	Fiat G.50 Cockpit & Correct Cowling for Airfix	\$12.99
CEC72008	Macchi MC.200 Corrected Cowling for Revell	\$7.99
CEC72014	F-86A conversion set for Fujimi	\$25.99
CEC72015	F-86E (early) conversion set for Fujimi	\$16.99
CEC72016	F-86E (late) conversion set for Fujimi	\$13.99
CEC72017	F-86F-40 Sabre Mk 6 Extended Slats for Fujimi	\$13.99
CEC72018	A3D-1Q ELINT Conversion for Hasegawa A-3	\$12.99

No Scale		
CEC48163	Clear/Colored Light Stock for making red, amber, blue-green, white (clear) lights-plenty of material to create your own formation and navigation lights! (this set is listed as 1/48, but actually works for many scales)	\$6.99
CEC48164	Clear/Colored Shaped Formation & Navigation Lights in red, blue-green & white (clear)	\$7.99
CECNLC	Shaped Navigation and Formation Lights (4 CLEAR sprues)	\$7.99
CECNLG	Shaped Navigation and Formation Lights (4 BLUE-GREEN sprues)	\$7.99
CECNLR	Shaped Navigation and Formation Lights (4 RED sprues)	\$7.99
CECNLY	Shaped Navigation and Formation Lights (4 AMBER sprues)	\$7.99

CEK44-001 1/144 XB-70A-1 Valkyrie full multimedia kit. Nearly 14" long, even in 1/144 scale! This gorgeous full kit has resin fuselage, wings, and tail, with jewelry-quality cast brass landing gear struts! Full decals, including small details and NASA markings! We're really proud of this one! We do not plan to sell this one through hobby shops, and our production rate is fairly low, so please be patient. \$99.99

Meteor Productions

P. O. Box 3956
Merrifield, VA 22116 USA
Tel: 703/971-0500
Fax: 703/971-8111
www.meteorprod.com

Get the latest release information for ALL our products at
www.meteorprod.com
SAFE, SECURE online shopping



Sopwith 7F1 Snipe

Scale: 1/72nd
Kit No: 72155
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 36 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Aviatik (Berg) D.I

Scale: 1/72nd
Kit No: 72165
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 59 (Grey)
Decal Options: 1
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Pfalz D.XII

Scale: 1/72nd
Kit No: 72153
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 32 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Nieuport Ni.16c

Scale: 1/72nd
Kit No: 72162
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 49 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Siemens-Schuckert D.III/IV

Scale: 1/72nd
Kit No: 72154
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 37 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Sopwith 1 1/2 Strutter

Scale: 1/72nd
Kit No: 72160
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 52 (Grey)
Decal Options: 1
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Hansa-Brandenburg D.I

Scale: 1/72nd
Kit No: 72164
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 40 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Sopwith TF.2 Salamander

Scale: 1/72nd
Kit No: 72156
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 47 (Grey)
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Nieuport Ni.11 Bebe

Scale: 1/72nd
Kit No: 72161
Price: £5.99
Origin: Toko (Ukraine)
Panel Lines: Engraved ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 49 (Grey)
Decal Options: 1
Manufacturer: Eastern Express
UK Distributor: Pocketbond



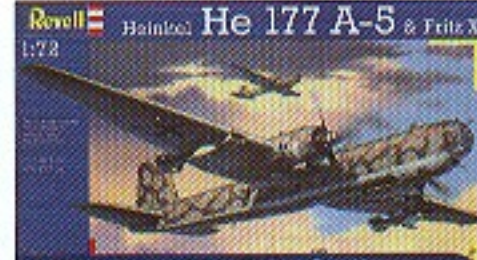
Westland Lysander Mk I/III

Scale: 1/72nd
Kit No: 72285
Price: £6.99
Origin: Frog (UK)
Panel Lines: Raised ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 45 (Grey), Clear 3
Decal Options: 2
Manufacturer: Eastern Express
UK Distributor: Pocketbond



Lockheed U-2R 'Senior Span'

Scale: 1/48th
Kit No: 864
Price: £11.99
Panel Lines: Raised ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Parts: Plastic 116 (Black), 4 Clear
Decal Options: 1
Manufacturer: Italeri S.P.A.
UK Distributor: The Hobby Company Ltd



Heinkel He 177A-5 & Fritz X

Scale: 1/72nd
Kit No: 04616
Price: £10.99
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 216 (Grey), 18 Clear
Decal Options: 2
Manufacturer: Revell A.G.
UK Distributor: Revell A.G. (UK Branch)



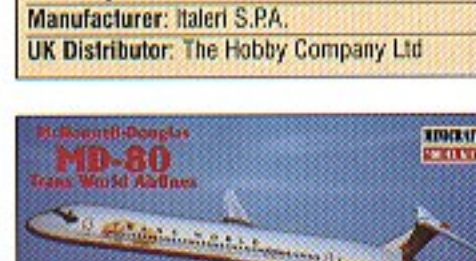
N.A. B-25C/D Mitchell

Scale: 1/48th
Kit No: 3431
Price: ETBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 207 (Grey), Clear 30
Also Includes: Nose Weights & Die-Cut Canopy & Marking Masks
Decal Options: 2
Manufacturer: Accurate Miniatures
UK Distributor: Amerang



CAC Avon Sabre

Scale: 1/48th
Kit No: 48003
Price: ETBA
Panel Lines: Recessed ✓
Status: Updated Tooling ✓
Type: Limited Run & Injection Moulded Plastic
Parts: Plastic 136 (Grey), 5 (Ltd. Blue), Clear 7
Note: This is the Academy F-86F kit with the conversion marketed separately by Red Roo Models
Decal Options: 7 (RAAF & RMAF)
Manufacturer: High Planes Models
Obtain in UK via: Hannants



McDonnell-Douglas MD-80 'TWA'

Scale: 1/144th
Kit No: 14452
Price: ETBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 52 (White), Clear 1
Decal Options: 2 (N904TW & N9624TW)
Manufacturer: Minicraft Models
UK Distributor: Toyway

SAM Binders & Subscriptions Hotlines

Scale AVIATION Modeller International

Tel: (44) 08707 333373
e.mail: dmzee@kbnnet.co.uk

When using e.mail, please leave your name and address and your credit card details along with your order.

Tel: (01895) 442123 Fax: (01895) 421412

Can't get into the shop? Give us a call on our 24 hour answering machine for a copy of our FREE catalogue. Orders are usually despatched within a few days if in stock. However, due to postal delays, please allow 28 days before enquiring about outstanding items.

45130 B-25 Mitchell control surfaces	\$7.99
--	--------

from Heathrow Airport.

BUSES 222, U3, 727 pass the top of Horton Road. Only 2 minutes walk from West Drayton (BR) Station. Ten minutes drive from Heathrow Airport

North American P-51/F-6A Mustang

Technical Data

Scale: 1/72nd
Price: £7.50
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited-run Injection Moulded Plastic & Resin
Parts: Plastic 39 (Grey), 4 (Clear), Resin 14
Decal Options: 3
Manufacturer: MPM
Obtain in UK via: Hannants



The Kit

The first impressions are of the usual limited run type grey plastic pieces with small amounts of flash and large moulding gates, however the parts do show a good level of recessed detail. Supplied in a separate bag are the resin castings that replace a number of the plastic parts. These resin pieces are very well cast and equal to any purchased as an aftermarket accessory. The instructions are well drawn and easy to follow with painting instructions keyed to the Humbrol paint range. A good start but how would the kit build up?

Construction

As normal we start with the cockpit and straight away I realised that to use the resin parts a lot of work would be needed thinning down the fuselage halves. It is a case of sanding down and test fitting and by the time I had finished you could see daylight through the plastic. The resin is assembled with superglue and after painting US Interior Green a fine brush was used to pick out the moulded detail with dark grey paint followed by a thinned wash

of Citadel Miniatures black ink. At this point I finished preparing the fuselage halves by cutting a circular hole for the lower camera lenses and fitting the tail wheel and exhaust pipes. The fuselage halves were a reasonable fit but you are left with a prominent gap on the right hand side of the tail fin, which will need filling.

The wings are now assembled and these are a good fit once you have removed a small amount of plastic from the undercarriage bay moulding on the lower wing. The same cannot be said of the air intakes, which needed a lot of cleaning up and loads of filler to get a good result. The undercarriage is nicely detailed and the resin mouldings supply a good set of realistically weighted tyres. I now added the many small components like the gun barrels, pitot tubes and aerial mast. The last part was the assembly of the propeller which is supplied as a two-piece spinner with three separate propeller blades, and as is usual for me I could not get this to work very well as there is no positive key for the angle of the blades, so it took me a while to get them all lined up and all pointing at the same angle. The model was now painted using AeroMaster's Neutral Grey and Olive Drab with the spinner painted in red, before a final coat of gloss varnish was applied ready for the decals. After the final matt finish was applied I trimmed the injection-moulded canopy to fit; this was a lot easier to use than MPM's previous vac-form examples but not quite as clear.

Accuracy

The kit measures up well to the plans in Detail and Scale's book on the P-51 part one, however one peculiarity was the number of landing lights fitted to these early aircraft. The references show that two lights should be fitted, one to each wing - the kit however supplies only one on the port wing. A possible mistake in the kit

except that a photograph on page 18 of the Detail and Scale book appears to show an F-6 Mustang with the light in the port wing only, just as the kit supplies. The one other noticeable omission is the hot-air exit ramp that should be visible below the rear fuselage, but is only featured as an engraved line on the model.

Colour Options

Two schemes are supplied for Neutral Grey and Olive Drab aircraft of the U.S.A.A.C. The first is of the No.111th Tactical Reconnaissance Squadron based in Algeria. This aircraft features nose art, yellow wing stripes and 140 mission markings on a heavily weathered finish. The second aircraft is more pristine and it is from the No.154th Observation Squadron in North Africa, featuring a U.S. flag on the tail. The last aircraft is from No.225 Squadron, R.A.F. and is in Dark Earth and Mid Stone camouflage over Azure Blue. All the aircraft feature a red propeller spinner.

Decals

These are produced by Propagteam and are

some of the best I have ever used. These decals are very thin with excellent colour density and in perfect register. They were applied without using any setting agents and snuggled down nicely into the engraved detail. A nice touch was that the stars and bars for the weathered option were painted in a faded shade of blue - an excellent idea that I hope other makers will note. The only small criticism is that they do not like to be moved around once located in position.

Decal Rating = 10/10.

Conclusion

If you take your time to test fit and trim the components the resin pieces will provide an excellent level of detail. As this is one of the few kits of the early Allison engine Mustangs on the market I can recommend it to all those interested in the type, and the good news is that layout of the sprues indicates that there are further variants to come from this manufacturer.

My thanks to MPM for the review sample.

David Francis



Boeing 767-200

Technical Data

Scale: 1/100th
Price: £TBA
Kit No.: 100-B6
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: 76 Plastic (Grey), 16 Clear
Decal Options: 3 (ANA, Ansett & American Airlines)
Manufacturer: Doyusha Model Co., Ltd.
UK Source: Euro Models.



The Kit

Everything about this model is large including the substantial box that contains the light blue-grey plastic components. Each

sprue is wrapped in its own protective cellophane cover and the packaging in general is a little excessive. The box also contains a giant decal sheet and instruction booklet of similar stature. First impressions are of a very good kit. However closer inspection reveals that while the parts are huge, there are not many of them. In relation to the kit's size the construction is straightforward. The moulded parts are reasonably crisp and have just a few slivers of flash here and there. The panel lines on the fuselage and wing surfaces I thought looked a bit on the wide side, resembling the old Matchbox models of years past. A closer look at the real aircraft on a recent trip to the States confirmed this fear, but alas the model was almost complete by then, but more on this later. The final object in the box is a large black stand for displaying the model, the base of which could be the basis of a Luft 46 or 'what if?' Sci-fi conversion kit.

The Instructions

A twelve-page A4 booklet contains a parts finder and a step-by-step guide to the model's simple construction that requires no written notes to follow, though these are supplied in Japanese and English. A line diagram naming the various parts of the real aircraft looks like it has been lifted straight from the seat pocket passenger safety leaflet, and a collection of photos of the real plane pad the pages even further. The last page contains the painting instructions for a 767 of All Nippon Airways (ANA). There are three 'options' for this model and those for all American Airlines and Ansett are contained on a separate sheet, as if as an afterthought.

Construction

The overall construction method reminded me of the old Airfix Skyking series, particularly the strips of 'bobbled glass' being supplied that went into the fuselage halves before they were sandwiched together to fill the long line of passenger

windows. Airfix dropped the 'glass' when the problem of applying the cheat line over the windows often messed up the finished model, in all but the most skilled of hands.

I chose to leave the 'glass' out and fill in the windows with Clearfix at the end as I could see problems arising at the painting and decal stages. A cockpit floor, instrument and engineer's panel and three crew seats are supplied and these were painted in varying shades of grey for the detail before being sealed inside the fuselage halves.

I also painted the cabin interior black prior to joining the fuselage together, which proved a good fit with no warping having occurred in either fuselage half, as I would have expected with parts that are over 18 inches in length. The wings are in two and the three flap supports were also glued in place. I had selected the 'in-flight' version for the model so the undercarriage doors were also fixed in place. A little filler, in the shape of thin plastic strips, was required around the doors to fill some gaps.

At this stage I should have filled all the

engraved panel lines with filler and sanded them smooth, as they are too wide and deep for this scale - in fact they are hardly discernable on the real aircraft. I feel more could have been made of the wings, for instance - separate flaps or slats etc. at the least, as these aircraft are rarely seen at airports with wings that look as neat and tidy as the kit's offering - something is normally 'hanging down'. With the three-part engine assembled, the construction of the major components was finished and painting could begin. When the final assembly stage was reached, the engines required a little filler at their junction with the wing's leading edge but the wings and tail mated perfectly to the fuselage.

Accuracy

My finished model measures 485mm in length and 476mm in span, which at 1/100th scale is completely accurate and the lines look right too. Many have commented that the model looks a little stubby, but this is a model of the shorter -200 series 767, rather than the more frequently seen -300 series that most British and European airlines operate. It is a big kit however and what to do with it once finished could pose a problem. As I work in the civil aviation industry the problem was solved by hanging the beast from the ceiling in the office at work. (Gasps of horror no doubt!)

Colour Options

Colour guides for three options are supplied in the instruction as mentioned. The immediate choice for me was the American Airlines option, firstly as it is the only



airline of the three that visits the shores of the UK and second because I've always fancied the airliner model finished in the high aluminium polish of the American fleet. It also gave me a chance to try out the sticky-backed metal foil that has been propped up at the back of my bench for a few years waiting for a suitable subject. As a first attempt I was very pleased with the results, covering most of the fuselage in a gleaming coating. The remaining parts of the fuselage and most of the wings were finished in Humbrol's 166 (Gull Grey). Leading edges of the wings were sprayed silver and the wing centres highlighted with a darker grey (Humbrol 92).

Decals

As mentioned the decal sheet is enormous

and contains all the cheat lines (with the window apertures removed) and other decals for the decorative ANA option.

These are of good register and colour and thin enough to adhere well and hug the contours of the round fuselage. The Ansett Airlines option requires only tail markings, fuselage lettering and aircraft codes that are supplied. However the American Airlines option is poorly treated. Only the 'American' fuselage and tail logos are supplied along with the national flag. The latter is too large and angled, and the American Airlines 767s have square stars and bars on the top of the tail fins.

There are no red-white and blue cheat lines and these will have to be either sourced from elsewhere or painted/sprayed on by hand if this option is desired, as this

was indeed the preferred option in my case. I found this to be a severe annoyance. A small colour booklet advertising the whole of Doyusha's airliner range was included in the box with almost all of the models illustrated finished in either JAL or ANA airline colours. Whilst National preference is to be expected, I feel that if a manufacturer is supplying three options for their product then the least they can do is treat each of them equally.

The impression I got as a whole was that the manufacturer had added the Ansett and American options as an afterthought, maybe in the interests of worldwide sales. Not good enough gentleman!

Decal Rating = 8/10.

Construction and Recommendation

Airliners are not my usual subjects for a number of reasons, the least one being that they are not much of a challenge to build. This one is no exception and could comfortably be tackled by even a complete novice to the hobby, particularly with the Ansett finish, resulting in an impressively large model aircraft to show friends. For many modellers the size of this model could be one drawback, the second being the manufacturer's obvious preference for the finish that I expect would not be the first choice of potential purchasers in the European and American markets.

My thanks to Doyusha and Euro Models for the review sample.

Dan Claxton

Airbus A321

Technical Data

Scale: 1/144th
Price: £9.95
Kit No.: 04236
Panel Lines: Recessed ✓
Status: New Tooling ✓
Plastic Colour: White
Type: Injection Moulded Plastic
Parts: Plastic 47, Clear 1
Decal Options: 2 (Lufthansa)
Manufacturer: Revell AG
UK Distributor: Revell AG (UK Branch)



The Kit

Revell's airliner kits have become better and better of late and now are the standard other manufacturers should aspire to imitate. This kit is the latest and by far the best offering to date. The parts are moulded in a very thin white plastic with excellent engraved detail. All edges are sharp and injection gates are thin and in unobtrusive places.

Instructions

These come in the usual A4 booklet style. The front cover gives a history of the type

with a black and white photo and the next four pages cover safety and painting. There is a sprue plan followed by twelve exploded sections on the construction. The last two pages have four-view plans for painting and decal placement.

Construction

Conventional split fuselage halves, one-piece lower wing and lots of small details. Everything fitted as it should do. I used thin superglue for all parts and did not have to use any filler at all. A quick wipe with fine wet and dry over all joints was all it needed. A real joy to work with

Accuracy

Living not far from Heathrow I have had a chance to view this aircraft every day, and the kit looks spot on from every angle, a fact born out from the measurements. Airbus quote the span at 34.09m and the length at 44.51m. The kit matches this exactly, although I have been told the fuselage diameter is 1mm out, it's not something that is noticeable or that I would bother with.

Colour Options

This particular issue is for Lufthansa. The fuselage is white with a grey undersurface, this includes the lower wing. The upper surface is a lighter grey as are the tailplanes (top and bottom) which is only shown on the instructions as a mix of two Revell brand paints. I am not convinced of these colours

entirely as some Lufthansa aircraft have white flying surfaces, and despite my best efforts at finding out for definite by asking members of the Airliner SIG and a well known decal manufacturer (thanks Jennings) I was unable to get a definitive answer, so I will bow to Revell's knowledge of the subject.

Decals

The decals are excellent with a full range of stencils, and whilst these are a nice addition I am not convinced they are the correct size; of all the real aircraft I saw I could not see some of the stencils from close range and on the model they jump out at you. I think the difficulty lies in the size of lines and lettering, but they do seem over-large. All decals are semi-gloss and settled with no solution. Their adhesion was excellent but it took two

evenings to complete the decal stage.

Decal Rating = 7/10 (due to over-large stencils)

Conclusion & Recommendations

If you haven't built an airliner before, go and get one of these. The fit is great and the finished product looks impressive. If you are an airliner modeller then this is another one to buy a case load of. The decals should be coming thick and fast from the aftermarket suppliers and you can build this one without cutting and fixing incorrect shapes. Recommended to all.

My thanks to Revell AG (UK Branch) for the review sample.

Paul Gold



Fairchild C-123B/HC-123B

Technical Data

Scale: 1/72nd Kit No.: 6772
 Price: £69.75 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Type: Resin, White Metal &
 Vac-formed Clear
 Parts: Resin 25, Metal 26,
 Vac-form Clear 2
 Decal Options: 4
 Manufacturer: Magna Models



The Kit

The signature Magna heavyweight white cardboard box is adorned only by three green labels showing a line-drawn profile of the finished article and essential details of the kit. Substantial light cream resin castings form the main structure, along with the instructions, a well printed decal sheet and separate polythene bags full of white metal, small resin and clear vac-formed parts for the rest of the kit. Surface detail on the main structure is a little heavy, but the flying surface castings have fine trailing edges, requiring very little preparation before assembly.

Instructions

Multi-view scale drawings, type history, technical data, parts diagrams, painting key, construction suggestions, paint and decal plans on two sides of A3 and four sides of A4 provide a clear guide to construction for the resin-literate modeller. What more could one ask for?

Construction

The instructions clearly identify the resin parts, which require the casting cores to be removed with a razor saw.

All the parts need washing and cleaning up with an emery board, needle files and a sharp knife. Propellers particularly benefit from careful attention with needle files and flexi files before finishing off with metal polish. It's also sensible to ensure that the two fuselage halves mate squarely by sanding on large sheets of wet and dry.

That said the kit is a breeze to assemble providing all parts are trial fitted and 'adjusted' before application of the super glue adhesive essential for resin/resin, resin/white metal & white metal/white metal attachment.

Construction proper starts with painting the inside fuselage and detailed flight deck. When dry the flight deck is attached to the starboard fuselage half and an opportunity can be taken to create a rear bulkhead under the cockpit to contain 40gm of ballast above the nose wheel bay, behind the nosecone.

It is strongly recommended that the fuselage halves are assembled by 'tacking' together, with little drops of thin super-

glue as the modeller ensures that the sections can be properly aligned. Once this has been done capillary action will carry thin super-glue (carefully applied) along the whole joint seam. Flooding the seams at the outset means that if the sections are not properly aligned, the only remedy is to painstakingly razor saw the assembly apart. You don't want to do that!

The mainplanes were attached to the fuselage using thick super-glue. Each wing was offered separately up to the fuselage and aligned over a large sheet of graph paper. When in the correct position in plan and front elevations 'zapper' was used to harden the glue instantly. Phew!

A little extra cleaning up of the tongue on the vertical fin and the fuselage slot it engages is worthwhile. This, as with the other main seams, requires minimal treatment with filler after setting.

Typical of the breed, the vac-form canopy is a pain to fit, but the kit instructions here are well worth following. Pictures on page 47 of Flypast, October 1999, show an almost vertical coaming translating from the plane of the front windcreens to the curve of the nose. This makes sense of the oddly shaped quarter windows. Clearly I did not get this subtle detail quite right and the best answer may be to build this coaming with Milliput and adjust as necessary when fitting the canopy.

Humbrol filler was used on the aft seam between the clear canopy and fuselage after Tamiya masking tape was applied to the canopy along the rear frame line. This allowed wet and dry to be used to smooth the filler down without damaging the canopy.

As ever, care and patience pay dividends here and there is a spare if all goes pear shaped. Later permanent blue marker was used to tint the glass in the canopy roof. This was only partially successful. Tamiya 'clear blue' may be a better option.

Having assembled the main components and sprayed on the first coats of Halford's Grey Plastic Primer to identify blemishes etc., it became obvious that the high summer temperatures were causing the wing panels, which fit securely without pinning into the root sockets, to droop progressively.

Rather than keep it upside down till the photographs were taken I opted for a (hopefully) more permanent fix. An Olfa-P Cutter, tenon saw and needle file were used to gouge a straight seam along the rear engraved main spar line on the underside of each wing panel outboard of the nacelle to the tip. The resin is soft and very easy to work. A strip of brass, 1/32in thick and 3/32in deep, was then superglued into the groove with the edge flush with the under-wing surface to act as a web. Filler and wet and dry restored the wing undersurface to par. This was

only partially successful and I would strongly recommend that a tip-to-tip groove be cut across the top of the wing and fuselage to take a spanwise web or even a T-section to stabilise the dihedral.

This hill climbed it was just a question of adding parts, painting, decalling and adding more parts till the job was done. Since the C-123K was modelled, this meant that all the whistles and bells were attached. A razor saw and sharp knife were used to remove the wing leading edge so that plunge-moulded acetate landing light 'glass' could be cemented in position using Humbrol Clearfix.

Colour Options

Bare metal finishes account for two C-123Bs and one Coast Guard HC-123B with its high visibility colour patches. The fourth finish, as modelled for the review, is a C-123K of No.311 Tactical Airlift Squadron in which Lt. Col Joe Jackson was awarded the Congressional Medal of Honour for rescuing three Americans from Kan Duc, Vietnam on 12th May 1968. Humbrol paints numbers 28,78,116 & 118 were used and sealed with Johnsons Klear before decal application.

Accuracy

No worries here! Quoted span is 110 feet and length is 75 feet 9 inches, whilst the finished review model scaled at 108 feet 4.5 inches span and 75 feet 11.25 inches. Not only is it very accurate dimensionally, a study of the photos reveals it to capture the proportions of the original very well indeed.

Decals

These are excellent. Those with a keen eye may recognise that the wrong size stars and bars were applied to the model and that I had some difficulty with the propeller warning decal, but that is down to me, not Magna.

Opting for the camouflaged version meant that the redundant black wing-walk strips could be cut to lengths and used to replicate the de-icer cuffs on the propeller blades. I found this easier than masking and painting.

Decal Rating = 9/10.

Conclusion and Recommendation

Magna's C-123 is a fine kit, which goes together with remarkable ease, to produce a very pleasing model. Only the price prevents me from recommending it as a first large resin kit.

Providing each stage is taken after careful preparation the only real challenge is getting the fit of the canopy right. It may be that the review sample had extra soft resin, but inserting a spanwise web in the early stages of construction would seem a prudent insurance against a droopy mainplane.

Thank you Magna for another superb model.

Simon Snape



LATEST RELEASES

All these latest releases from Revell display the superb quality and levels of detail which you have come to expect from the world's leading modelling company.



Fiat G.91 R1/R3



NATO Helicopter NH90



Panavia Tornado GR.Mk.1

Fiat G.91 R1/R3

04370
 1:72 Scale/Span 11.9cm/Length 14.3cm
 Ground attack and training aircraft in service across Europe. Originating in Italy in 1959 the Fiat G.91 has a top speed of 1045km/h.

NATO Helicopter NH90

04455
 1:144 Scale/Span 11.3cm/Length 11.0cm
 1995 European tactical transport helicopter built in partnership between Germany, France, Italy and Holland. The NH90 has a top speed of 290km/h.

Panavia Tornado GR.Mk.1

04619
 1:72 Scale/Span 20.1cm/Length 24.3cm
 Twin-engine multirole combat aircraft capable of carrying any NATO weapons system. In service with 3 European air forces, the Tornado GR.Mk.1 has a top speed of 2640km/h.

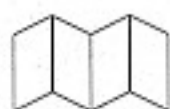
Available from all good model stockists, and ask about the complete range of Revell model kits.

Revell – doing more for the modeller

Revell AG

10-12 Queensway, Hemel Hempstead, Herts HP1 1LR.
 Tel: 01442 250130. Fax: 01442 245619. Email: usbranch@revell.de
 ©Revell is the registered trademark of Revell-Monogram Ltd.

01455 233 747
Includes an out-of-hours
mailing service
or FAX 01455 233 737



Aviation Books & Videos by post

We provide an exceptional world-wide mail-order service. Our quick turn-round and superb packing is unrivalled. We stock many more titles. If you can't see the books you want, please request one of our free illustrated catalogues. Visitors are welcome at our warehouse on the Hinckley Fields Estate, 9 to 5 weekdays, 9 to 1 Saturdays - access is via A5 (A5/A47 junction) or via Ashby Rd, A447/A47.



WORLD WAR I AVIATION

- Aeroplanes of the Royal Aircraft Factory (Hart) ... £25.00
Albatros D.III Del Colour Guide 1:72nd scale ... *£9.50
Albatros D.III Del Colour Guide 1:48th scale ... *£9.50
America's First Air War (Broadwell) ... £22.95
British Air Forces 1914-1918 no.1 Men at Arms 341 ... £8.99
British WWI A's in Polish Air Force Service ... £9.99
Casualties of the German Air Service 1914-20 ... £29.95
Cross & Cockade Int'l Journal, latest issues ... £5.95
Flying Fury: 5 Years in the RFC (McCudden) ... *£10.95
French Aircraft of WWI ... special price £29.95
Fokker D.VII: Anthology 2 ... £18.99
Fokker Fighters D.I-IV. Classics of WWI Am 2 ... £16.00
Fokker V5/D1 (Schuster/Engels) ... £12.95
German Bombers of WWI in Action ... *£7.99
German & Austrian Aviation of WWI (Cowan) ... £9.99
Illustrated Red Baron (Kidwell) ... £16.95
Lafayette Flying Corps (Gordon) ... *£9.50
Over Here & Over There: World Aerodromes WWI ... £15.95
The Red Baron's Last Flight (Franks/Bennett) ... £14.99
WWI British Aeroplanes Propellers ... £11.50
Wardlock Datafiles
75 ASO C.I. ea £8.50 76 Martinsyde Buzzard ... ea £8.75
77 Albatros C.VII ... 78 Caproni Ca.3 ... ea £8.75
79 Puntier C.I ... 80 Sopwith Triplane 2 ea £8.95
81 Albatros CV ... 82 Fokker D.VII ... ea £8.95



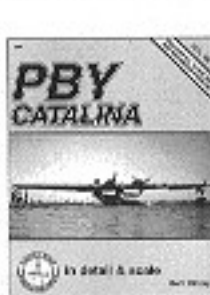
WORLD WAR II AVIATION

- Aces & Wingmen 2 vol.2 (Hess) ... £49.95
Aircraft of the Aces: Legends of WW2 ... *£20.00
Airmen in Exile: Allied Air Forces in WW2 (Brown) ... £19.99
Battle of Britain (Nesbitt) ... *£20.00
Battle of Britain: The First Victory, 1940 ... pbk £6.99
Battle of Britain Kaleidoscope vol.3 ... *£25.00
Battle of Hamburg: Firestorm Raid (Middlebrook) ... pbk £6.99
Berlin Raids (Middlebrook) ... £8.99
Black Cross Red Star: Air War Eastern Front vol.1 *£28.99
Bomber Command 1939-45 (Carter) ... £16.99
Dark Sky - Deepwater: Anti-U-Boat War (Franks) ... sbk £8.99
Day of the Typhoon: RAF Tankbusters in Normandy *£8.95
Fighter Command 1939-45 (Olliver) ... *£24.99
G-For-George: Memorial to RAF Bomber Crews 39-45 *£21.00
Ghosts of Targets Past ... sbk £8.99
Hannover Scramble: 1915-End of Battle of Britain *£17.99
Hurricanes: Fighters That Could Not Return (Barker) *£16.99
Jagdflotte vol.1, sec 2: Blitzkrieg & Störkampf ... £12.95
Jagdflotte vol.1, sec 4: Attack in the West ... £12.95
KGS: Photo History of Luftwaffe Bomber Unit ... £17.95
Lincoln at War (Garrett & Gooding) reprint ... £19.99
Luftwaffe Fighters' Battle of Britain (Goss) ... £19.95
Luftwaffe Bombers' Battle of Britain (Goss) ... £19.95
The Mighty Eighth (Freeman) ... reprint sbk £20.00
Münster Raid: Before & After (Hawkins) ... £21.95
Nuremberg Raid (Middlebrook) ... *£9.99
Peenemünde Raid (Middlebrook) ... *£9.99
Plane Names & Bloody Names: 100 BG ... £29.95
Spitfire 2: The Canadians (Bracken) ... £28.95
Spitfire Summer: When Britain Soared Alone (Brown) *£14.99
Stukas over the Med 1941/45: Luftwaffe at War 12 ... £7.50
Understanding RAF Aircraft Colours (Walton/Bye) ... £10.99
Wrecks to Mustangs: Stange Norden Airfield 1940-45 ... £24.95



CLASSIC AEROPLANES AND AVIATORS

- Adventurous Empire: Short Empire Flying-Boats ... £29.95
Air War Over Korea: Squadron Signal Special (Merkel) ... £10.95
Aircraft Made in Lincoln (Wells/Parker) ... £9.95
Aviation Pioneers: German & Austrian Aviators ... £9.99
Avro Aircraft Since 1938 (3rd edition) ... *£35.00
Avro Lancaster: Guide for Modeller ... £17.99
B-17 Flying Fortress: WW2 Air Power ... £24.99
B-24 Liberator Detail & Scale 64 (Kinzy) ... £10.95
Battle of Britain May-Dec 1940: C & M no.2 ... £14.95
Battle of Britain Memorial Flight (Bowman) ... *£18.95
Bristol Blenheim: Warpaint 25 (Thomas) ... £9.50
Bombers: The Aircrew Experience (Kaplan) ... £19.99
C-124 Globemaster: Air Force Legends 205 ... £18.95
Emblems of the Rising Sun: Imp Jap AAF Markings ... £17.95
Ferals - Three Greens - A Life in Aviation (Johnson) ... £12.95
Fights to Disaster ... £12.99
Fly Navy: The View From The Cockpit 1945-2000 ... £19.95
Flying Blind: Biplane Flying over Waziristan ... £19.95
Flying from Malaya: Belfast's First Civil Aerodrome *£4.99
Flying the Oregon Trail: & Coast to Coast & Back ... £13.95
Forgotten Fields of America vol.2 ... £14.95
Fw 190 1943-45 Luftwaffe at War 13 ... £7.50
Fw 190 A/F Walk Around 22 ... £12.99
German Rocket Planes: Luftwaffe at War 14 ... £7.50
Gloster Aircraft Company (James) ... £19.99
Hawker Typhoon: The Combat History (Bickers) ... £19.95
Heavy: Big Jet Fighters in Action (Cole) ... £18.95
Richard Hillary: Authorised Biography ... *£20.00
Hurricane - RAF Fighter (Patterson) ... *£9.95
Illustrated History of McDonnell Douglas Aircraft ... £22.50
Lockheed L-108 Electra: Aviator Tech (Upton) ... £11.95
Lockheed's Blackwood Skunk Works (Crickmore) ... £10.99
Luftwaffe Camouflage Colours 1939-45 (Czech text) ... £18.99
Messerschmitt Bf 109F-K (Radinger/Ulrich) ... £27.50
Messerschmitt Bf 109G: Yellow series pt.1 ... £8.99
Mustang Story (Deke) ... sbk *£20.00
Only Birds and Bees (Ashton) ... £18.95
P-39 Airacobra Detail & Scale 63 (Kinzy) ... £10.95
Paris Air Show (History) ... *£19.99
PBY Catalina in Detail D&S 65 ... £12.95
Piper Aircraft: Images of Aviation (Simpson) ... £9.99
Quonset Point NAS vol.2: Images of America ... £9.99
Short Sunderland: Crowood series (Dobell) ... £25.00
Short Sunderland: Warpaint 25 (Butler) ... £9.50
Stygods - Fall of Pan-Am (Gandhi) ... £24.95
Sopwith to Sunderlands: 210 Sep 1917-1941 ... £13.95
Spitfire: Flying Legend ... *£14.99
Ta 154: X Planes of 3rd Reich (Myhr) ... £12.95
Twenty Years of Italian Air Force No.2 - Jets ... £13.95
US Military Aviation Directory (Kaminski/Williams) ... £24.95
The USAF 1947-1959 (Bowman) ... £19.99
Warbirds Worldwide ... recent issues £8.50
White Eagles: A/C, Men & Ops of Polish AF 1918-39 ... £29.95
Willy Messerschmitt: Pioneer of Aviation ... £39.95



OSPREY AIRCRAFT OF THE ACES

- 28: French Aces of WW2 (Kettley) ... £11.99
29: Messerschmitt Bf 109/G/K on Western Front ... £11.99
30: P-47 Aces of 8th & 15th Air Force ... £11.99
31: Long Reach 8th Fighter Command ... £15.99
32: Albatros Aces of WW1 (Franks) ... £11.99
33: Newport Aces of WW1 (Franks) ... £11.99

OSPREY COMBAT AIRCRAFT

- 14: Halifax Squadrons of WW2 (Laker) ... £12.99
15: B-24 Liberator Units of 8th Air Force (Dorr) ... £11.99
16: TBF/TBM Avenger (Tilman) ... £11.99
17: Ju 88 Kampfgeschwader 1939-41 (Weal) ... £11.99
18: B-17 Flying Fortress Units of 8th Air Force ... £12.99
19: Sunderland Squadrons of WW2 (Laker) ... £12.99
20: TBD Devastator Units of US Navy (Tilman) ... £11.99



EARLY JET AGE

- A-10 Warthog Walk Around ... £12.99
The Arrow: CF-105 Pilot's Operating Instructions +CD ... £32.00
Avro Vulcan: Warbird Tech 28 ... £9.95
B-47 Stratofort: Boeing's Brilliant Bomber ... £23.99
Boeing 707/720/KC-135 (Air Britain Monograph) ... £37.00
Boeing 707, Douglas DC-8 & Vickers VC-10 (Wilson) ... £14.95
Concorde: Inside Story (Trubshaw) ... £19.99
EA-6B Prowler in Detail D&S 46 ... *£12.95
EE Lightning: Warbird Tech 28 ... *£9.95
English Electric Canberra & Martin B-57 ... £29.95
English Electric Lightning vol.1 - Birth of Legend ... £35.00
F-4 Phantom: US Navy & Marine Corps (Davies) ... £37.50
F-84 Thunderjet: Detail & Scale 59 ... £10.95
F-86 Sabre: Walkaround 21 ... £12.99
Fairchild Republic A-10 (Smith) ... £29.95
General Dynamics F-111 Aardvark ... £45.00
Israel Aircraft Industries Kfir (Weiss/Elrati) ... £12.99
McDonnell Douglas A-4 Skyhawk (Elward) ... £25.95
Mikojan-Gurevich MiG-21U (German text) ... *£9.95
P-59 Airacomet: Airforce Legends 208 (Pacel) ... £14.99
V-Force: Britain's Airborne Nuclear Deterrent ... £15.99



WINGS AND WHEELS

- Avia S-199 & CS-199 in Detail ... £9.99
IL2 Type 3 and IL10/Avia B-33 ... £12.50
Israel Aircraft in Detail pt.1: Haterim Museum ... £7.99
Luftwaffe: Air War Over Czech Lands ... £8.99
Storch in Detail: Fieseler Fi-156 Spotter Plane ... £8.50
TBM/TBF Avenger ... £8.99
Westland Sea King in Detail ... £8.99

CLASSIC IMPORTS

- Army Aviation in Vietnam 1961-63 ... sbk £16.95; hbk £27.95
de Havilland in Canada (Milbury) ... £27.95
Dornier Do-335 Pfaffi (Rys) English text ... £10.99
F-4 Phantom in Greek Service (Greek text) ... £10.99
F-104G Starfighter in Spanish AF (Spanish text) ... £9.95
Flying Aces: Aviation Art of WW2 ... £29.95
Focke-Wulf Ta 154: Wydawnictwo 110 (Polish text) ... £8.99
General Dynamics F-16 A/B Netz: Israeli AF no.2 ... £15.95
Junkers Ju 87 "Pfeilblitz" (Italian/English) ... £10.95
La Caudron Geland (French text) ... £22.95
Macchi MC202 Part 1 (Italian/English text) ... £9.99
Macchi MC202 Part 2 (Italian/English text) ... *£10.99
Messerschmitt Bf 109 in Europe 1939-40 ... *£14.99
Mirage III (French text) ... £49.95
P38 Lightning: Aero Detail ... £21.95
Samoloty Odrzutowe 1939-1945 (Baczowski) ... *£10.99
Savio Marchetti SM.78: Wydawnictwo 111 (Polish text) ... £9.99
SIAI SM.82: Ali d'Italia 14 (Italian/English) ... £12.95
Scammell Kralu Vzdachu (Czech Airforce 1945-50) *£9.99
Spitfire Mk.8-18: Aero Detail 27 ... £21.95
T-6 Texan in Spanish Service (Spanish text) ... £8.95
Uwaga Stalaz: pt.1 (Wichalek) Good Photo's (Polish text) *£15.95



SECOND HAND BOOKS

We are always happy to consider the purchase of collections and if you have any surplus books you wish to sell, please write to us with a list by title, and author/publisher. For us to make a fair offer we also need to know the condition of each leg mint, very good, good, fair, poor. We will usually need to see the books concerned, but because of our work schedules if you call unexpectedly we are rarely able to price them 'on the spot'; far better to make an appointment, or we may be able to visit you. Please note also that we are not likely to be enthusiastic about magazines, and ex-library or book club editions of books.



MIDLAND PUBLISHING TITLES

Titles in this column are over post free within the UK.

- Aircraft of the Military Air Transport Service ... £24.95
Airline Tail Colours - New edn (160pp) ... £7.95
Airlines Remembered (B. Hengill) ... £14.95
Airlines Worldwide (New revised edition), Dec *£18.95
Bandits Over Baghdad (W. E. Thompson) ... Nov *£16.95
British Airfield Buildings - vol.2
Expansion and Inter-War Periods (Innes) ... £8.95
British Secret Projects: Fighters (T. Butler) ... £24.95
Classic Airliners (Tom Singfield) ... £13.95
de Havilland Tiger Moth: Legendary Biplane Trainer ... £29.95
Liberator Album: B-24s of 2nd AD (Mike Bailey) ... £24.95
Luftwaffe Secret Projects: Fighters 1939-1945 ... £29.95
Luftwaffe Secret Projects 2: Bombers 1935-45 ... £24.95
No Landing Place vol.2 (Eddie Doyle/ush) ... £7.95
Soviet Combat A/c of WW2 vol.1: Single Eng Fighters £24.95
Soviet Combat A/c of WW2 vol.2: Bombers etc ... £24.95
Soviet X-Planes (Gordon/Gunston) ... £29.95
Tomado: Multi-Role Combat Aircraft ... £18.95
US Air Force: The New Century (Bob Archer) ... £18.95
Wrecks & Relics - 17th edn (Ken Ellis) ... £14.95
Aerofax series - latest titles
Boeing KC-135 (R. S. Hopkins III) ... £24.95
Convair B-58 Hustler (J. Miller) rev edn ... £16.95
Eurofighter 2000 (Hugh Harkins) ... £8.95
McDonnell Douglas DC-10 & KC-10 Extender ... £19.95
McDonnell Douglas F-15 Eagle (Jenkins) ... £14.95
Tupolev Tu-22 'Blinder' Tu-22M 'Backfire' ... £14.95
Tupolev Tu-95-142 'Bear' (Fleming Gordon) ... £14.95



POST & PACKING

BOOKS: UK customers please add 10% (minimum £1.50; maximum £3), orders over £40 value are sent post-free; Overseas please add 15% (min £2); 10% for £150+ orders.

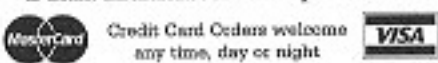
VIDEOS: UK - add £1 if order value under £14, post-free over £14; EU countries add 10% (minimum £1.50); Other countries - prices are post-inclusive.

PAYMENT: Visa / Mastercard / Eurocard / Connect / Switch and Solo charge cards; Post Giro 450 6154; Eurocheque (max £700); Sterling cheque, drawn on a UK bank; US Dollar cheque (no surcharge); IM0; British Postal Orders. Orders are sent surface mail, but Air-Mail despatch by arrangement.

Our extensive stocks mean that many orders are dispatched within 3 working days. Allow a further 6-8 days for delivery to UK addresses - longer Overseas. We will advise you of any undue delay. Our full-time staff will be pleased to service enquiries, reservations, phone or mail orders. Certain items may be due for release after this advert has gone to press. Titles offered in this advert are subject to continuing availability and price change.

Order via post, fax, phone or e-mail from:

Midland Counties Publications' (SA)
Unit 3 Maizefield, Hinckley, Leics, LE10 1YF
Tel: 01455 233 747 Fax: 01455 233 737
E-mail: midlandbooks@compuserve.com



* denotes first time entry (or modified info)

BAe 146 'Eurowings'

Technical Data

Scale: 1/144th
Price: £8.99
Kit No.: 4233
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 62, Clear 1
Decal Options: 2
Manufacturer: Revell AG
Distributor: Revell AG (UK Branch)

The Kit

Moulded in white plastic, the kit is of the new standard we have come to expect from Revell® for their airliners. It features excellent, fine detail and some very finely moulded components. The kit is in fact a reissue of the Lufthansa RJ85 kit which was modified due to problems with the original moulds. Kudos to Revell® for taking time to listen to the comments of modellers and for correcting the problems that were highlighted.

Instructions

Printed in a small booklet format as usual, everything is useful except the small painting diagrams and the Revell-only colour listing.

Construction

Very straightforward, although fitting the undercarriage before major parts like wings is sometimes difficult, as we all know how easy it is to knock off undercarriage legs. Everything fitted really well and no filler was needed, just a quick wipe with fine wet 'n' dry. All except the cockpit transparency that is, as I couldn't get a good join whatever I tried and eventually gave up. This ruined the otherwise nice lines of the model and will need work.

Accuracy

Very close, the model is 1mm too wide in span and 2mm too long. Well within acceptable limits for this scale, and it looks right and sits right. I have heard that the main landing gear is not correct, but I have

been unable to find a good enough reference picture or get close enough to the real thing to say for sure.

Colour Options

This is basically white over very light grey (in fact the grey looks like white in many photos), with silver control surfaces. The demarcation line would be easy between the white and grey if it wasn't for the Eurowings swirl on the fuselage front. I got round this by photocopying the decals and using the copies to cut masks for these areas.

Decals

Revell® have improved their decals recently and these are no exception. They are satin/light gloss and very thin, and offer a full

range of stencils and markings for two of Eurowings fleet. All were in register and settled onto a gloss surface with no problem. No setting solution was needed as they settled into panel lines with a little pressure.

Decal Rating = 10/10.

Conclusion & Recommendations

An excellent kit, with aftermarket decals available and reasonably priced. It is easy to build and impressive looking when complete. I can therefore recommend it to all. Buy one for a military modeller and it might just open their eyes to another branch of our hobby!

My thanks to Revell AG (UK Branch) for the review sample.

Paul Gold



Douglas A-20 Boston 'Straffer'

Technical Data

Scale: 1/72nd
Kit No.: 72044
Price: Aus\$36.00
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited-run Injection Moulded Plastic, White Metal & Vac-formed Clear
Parts: Plastic 22, White Metal 7, Vac-formed Clear 2
Decal Options: 3 (1xUSAAF, 2xRAAF)
Manufacturer: High Planes Models
Obtain in UK via: Hannants



The Kit

This kit comes in the familiar packaging associated with High Planes and the kit is, as usual, in sky blue plastic. The clear canopies are vacformed and only one set is supplied so you only get one go at preparing these parts accurately. There are a few parts in white metal that consist of the main and nose undercarriage legs, optional rear guns and finally the control column. Those of you who have tackled these kits before will be familiar with the heavy sprues and the finely recessed panel lines. To those that haven't, don't be dismayed because once the components are cleaned up and prepared they are almost as good as mainstream kit manufacturers. There are parts included which are applicable to other versions of the Boston/Havoc family, so these can be consigned to the spares box.

Instructions

The two A4 sheets provided give tips on preparing all the parts and advice on

building the kit. For example, how to check the fit of the clear canopies, once trimmed, before joining the fuselage halves. An exploded view shows, very basically, only half the parts of the model with a few words of help to aid the builder. The next three sides show diagrams of the colour scheme options available within the kit, with only the main colour names quoted, no FS numbers being given for them. Then again most modellers building this kind of kit would have some knowledge of these anyway.

Construction

I began by cutting off the major parts from the part trees and spent a while cleaning and sanding them ready for assembly as and when they were required. My first set of sub-assemblies, were the wings, followed by the tail surfaces and engine nacelles. Quite a bit of test fitting is needed to ensure all the parts align properly before use of any glue. For the interior, only floors, seats and the instrument are supplied, so it's up to the modeller how much extra detail he/she wants to add. I left mine as per the kit except for a few lengths of microstrip to represent some of the fuselage structure in the two crew positions, as quite a bit will be seen through the very clear transparencies. For the nose wheel bay, I made bulkheads to prevent a see-through look.

Nose weight was added to prevent tail-sitting before the fuselage halves were joined. The quantity is not given, but I glued in a couple of chunks of lead and some plasticene for good measure—don't forget the nose wheel leg! This is to be engaged before the fuselage halves are joined. The pre-assembled wings were glued into place next. These do not have the tongue and slot join as per other kits, but simply butt-fit to the roots. The design is so thought out that the use of super glue is quite sufficient to enable a strong joint, and the

correct dihedral angle is achieved. The tail surfaces can now be attached to the rear fuselage. Here filler is certainly needed to blend in the fin. I found that a sliver of scrap plastic card was necessary to make sure the fin sat at the right height and matched the fillet at the forward base of it. This was later sanded smooth to complete the contours of this area. Incidentally, the tailplane to fuselage joint is pretty good with only a little filler required on the underside. Next it was the turn of the nacelles. The metal undercarriage legs need to be engaged at this stage, as do the half-relief engine fronts. The holes for the legs in each half have to be opened up with a drill first, this being mentioned in the instructions. The nacelle assemblies are then glued to the wing underside. A problem with fit is encountered here. Some sanding and filing is necessary until a good fit is achieved. Once this is done it will be noticed that the filler has more work to do. The main and nose wheel doors are all integrally moulded, so there's no need to worry about these being knocked off during construction.

During building I painted all the internal areas Interior Green as befits U.S. aircraft types. The carefully trimmed transparencies are now added, and true to High Planes' word, they fit like a glove! I used Plastic Weld

to glue them in position, as I have had success before using this adhesive for vacformed clear parts. All that now remained was the fitting of the wheels, props, aerial, nose gun blisters and the appropriate over-wing intakes before final painting and decalling. Oh yes, I nearly forgot, the four nose guns that are needed in the extreme nose have to be supplied by the modeller. Lengths of rod were used to depict the guns in the position the bomb-aimer would normally occupy, and added to holes drilled earlier.

Accuracy

The assembled model certainly looks the part. The overall outline has all the characteristics of the Boston, in particular the prominent dihedral of the wings and tailplanes. On its undercarriage, the sit looks good too. I particularly like the way in which the glazed nose is depicted to represent the overpainted panels. So for me, the model is a worthy addition to any collection.

Colour Options

Being an Australian kit, two appropriate R.A.A.F. colour schemes are among the three options.

• 1. A Boston of No.22 Squadron in New Guinea coded DU-F and serial A28-5. This is finished in Dark Green, Dark Earth with Sky under surfaces. The starboard outer wing



panel was replaced on the actual aircraft and therefore the colours are lighter and faded which makes for an interesting model.

•2. Another No.22 Squadron machine, this time A28-8 coded DU-J. It has the same colour scheme as the first one, though with a slightly different pattern.

•3. An A-20 Havoc, 40-166 of the 89th Bomb Squadron, 3rd Bomb Group. This has some nose art and a mission board and is finished in the usual Olive Drab over Neutral Grey.

My choice was the first option, and I used Humbrol colours throughout for the main camouflage. To depict the faded starboard wing, I lightened the paints, and to make it a bit more unusual, I painted the outer port wing flap in U.S. colours (faded olive drab and neutral grey) to depict a replacement part. A coat of gloss acrylic was then

sprayed all over in preparation for the decals.

Decals

I find High Planes' decals to be of a high standard and these are no exception. They are in perfect register and, unusually, are in a matt finish. Colour density is good but the base colours showed through the white segments of the roundels. On handling the decals during application care is needed, as they are very thin; I had a bit of a problem when I was applying one of the serial numbers. It curled itself around my brush but I managed to save it by re-immersing it in water and then sliding it back onto the backing paper and subsequently back onto the model. But they do work very well with the usual brands of decal solvents—no mistake about that! A coat of acrylic matt sealed

the decals and revealed a successful finish with no silvering evident.

Decal Rating = 9/10.

Conclusion and Recommendation

I quite enjoy building this manufacturer's kits as they offer a bit of a challenge. Your modelling skills come to the fore with them and there is a sense of satisfaction with the result. I will say though, the instructions do lack a bit of information, but as I have said before these kits are for the more experienced so this lack should be no problem. Therefore I can recommend the Boston only to the experienced and to those who would like it in their collection and don't mind the price!

My thanks to High Planes Models for review sample.

Paul Nanicki

Miles M.38 Messenger

Technical Data

Scale: 1/72nd
Kit No: 72019
Price: £6.95
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Limited-run Injection Moulded Plastic, Etched Brass, Resin & Vac-formed Clear
Parts: Plastic 17, Etched Brass 12, Resin 6, Vac-formed Clear 2
Decal Options: 2
Manufacturer: Pavla Models
Obtain in UK via: Hannants



The Kit

Twenty-one Miles Messengers were built for communications and spotting duties within the R.A.F. and these used its good short take-off and landing characteristics to the full. The kit is best described as mixed media, containing as it does, plastic, resin, brass and vac-formed components. All the parts are well formed and followed the pattern of a limited run kit with a softer than normal plastic on thicker sprues, although all were well formed and had little flash.

Instructions

The eight sides of A5 instructions give a brief history, parts layout, six exploded assembly diagrams, two colour schemes and, finally, a list of other products. The instruction diagrams also contain assembly instructions in the form of symbols, which relate to a chart on page two of the instructions. These detail such things as holes to be drilled, options, colours and parts to be fabricated. Also in symbol form is a colour reference section.

Construction

The cockpit tub is one of the resin components and requires a little cleaning

up and thinning to fit within the fuselage. The control columns are very brittle but look good if cleaned up carefully. The seat belts are etched brass and look good. All the parts fit well but do not have any locating lugs or pins, and they do require some filler to blend the wing and tailplane to fuselage joints. The flaps require drilling to take the brass section which attach these parts to the underside of the wing. Two exhaust pipe styles are detailed and the chosen option needs to be fabricated, along with part of the undercarriage. Overall the construction was very straightforward and should present no problems provided the parts are cleaned and checked at each stage. Two vac-form canopies are provided, but these are different styles for the two options, so I practised on the one I did not intend to use.

Accuracy

The finished model scales out at 7.42m long, with a 11.66m wingspan, against a quoted dimensions of 7.32m by 11.03m. This could be made closer by taking more off of the inside of the wing sections. The model carries the look of the original and makes a sweet little addition to the modeller's shelf.

Colour Options

Decals are given for two colour options, RG333 in a dark green/dark earth upper and yellow undersides. This was Field Marshall Montgomery's personal aircraft

during 1944-45 and the basic scheme is shown on the box top with the addition of black and white invasion stripes. The other scheme is a overall gloss red scheme of a restored Messenger in the U.K. I chose the earlier RG333 scheme detailed in the instructions, which is as the box top but without the invasion markings.

Decals

The decals are thin, but have good colour density and went down well upon the surface. The roundels are in two parts, the red inner being separate, and in four parts for the fuselage sides as the yellow outer is another separate section. These require a good eye to line them up, but settled well.

Decal Rating = 10/10.

Conclusion & Recommendation

This was a delightful kit to construct and had few vices. It is a normal limited run type kit with a fair amount of cleaning of the parts required, a mix of media and some scratchbuilding. The result is a small model of an unusual prototype. Recommended to those ready to move on from the 'straight out of the box' kits and prepared to clean up the parts and fabricate others. All the modern kit media are used to advantage and I enjoyed building the model.

My thanks to Pavla for the review sample.

Paul G. Gilson



Unique models from

ICM

Available from all good model shops



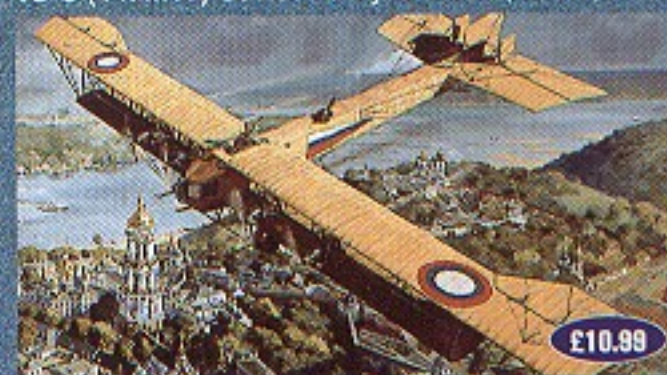
I-1 (IL-400b) 1st Soviet Mono Fighter - (IC72051) 1:72

£5.50



TB-3 (4 x M17) Soviet heavy Bomber (IC72091) 1:72

£19.99



Ilya Muromets WWI Russian Bomber (IC72041) 1:72

£10.99



I-16 Type 24 WWII Soviet Fighter (IC72071) 1:72

£5.50



Soviet Modern Air Armament - (IC72101) 1:72

£3.75

ICM's 26 page catalogue is available from Amerang, the UK distributors, for £2.50 incl P & P.

Amerang

Commerce Way, Lancing Business Park, Lancing
West Sussex, BN15 8TA
Tel No: 01903 765496, Fax: 01903 753643

Supermarine Spitfire PR Mk XI

Technical Data

Scale: 1/72nd
 Kit No: 72086
 Price: £7.25
 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Type: Limited-run Injection Moulded Plastic & Resin
 Parts: Plastic 40, Resin 9, Clear (Inj) 1
 Decal Options: 3
 Manufacturer: MPM
 Obtain in UK via: Hannants



The Kit

This kit comes in the usual side-opening box containing two light grey sprues with engraved detail and a little flash, particularly around the cockpit and undercarriage wells. Ejection pin marks are quite prominent and the tail fin will need special care when cutting these off as will the wings. Although the pin marks are on the inside they are a couple of millimetres high and wide. The injection canopy looks quite good but rattles around loose in the bag with the main sprues. A separate bag holds the resin exhausts, control column etc. The decal sheet is in its own plastic bag.

The Instructions

Instructions cover eight sides of A5 paper. Page one is a potted history and technical data in four languages. Page two is a sprue diagram and a rear view showing the lowered undercarriage positioning. Pages three to five show an eight-stage exploded assembly diagram with options for two types of tail fin, two air intakes and two sizes of belly tank. Pages six to eight are for applying the stencil and aircraft markings.

Construction

First decide which model PR Mk XI you want to build. You have a choice of an early PR Mk XI with the usual rounded rudder and small air-intake or the later pointed fin PR Mk XI with the larger air-intake. The intakes come on the resin sprue and the rounded rudder is supplied as a separate plastic moulding. You also get three sizes of Long Range Fuel Tank.

As usual you start with the cockpit

which comprises floor, bulkheads column, seat and instrument panel. A little raised side-wall detail is on the sides of the fuselage halves which I painted Humbrol Cockpit Green as were the floor, bulkheads etc. Detail was picked out in a slightly darker shade. The instruments were painted Matt Black and the panel in a very dark grey mix to try and show some detail. The seat I decided to paint a Dirty Orange as I believe Bakelite was used in some seat construction on Spitfires (it is actually resin bonded paper! - Ed).

A lot of trial fitting and rubbing down was needed to get the cockpit assembly to fit neatly inside the fuselage halves. The control column almost touches the canopy and needs drastic trimming down. The tail-wheel mounting needs trimming to fit correctly prior to gluing into one half of the fuselage, the propeller boss recesses need widening slightly so that when the fuselage halves are joined they fit together snugly. Only a little rubbing down was needed to conceal the joins. There are no locating lugs on this limited-run kit so care needs to be taken. Once the fuselage is assembled there is an empty space behind the headrest frame and the rear bulkhead for the super detailers out there.

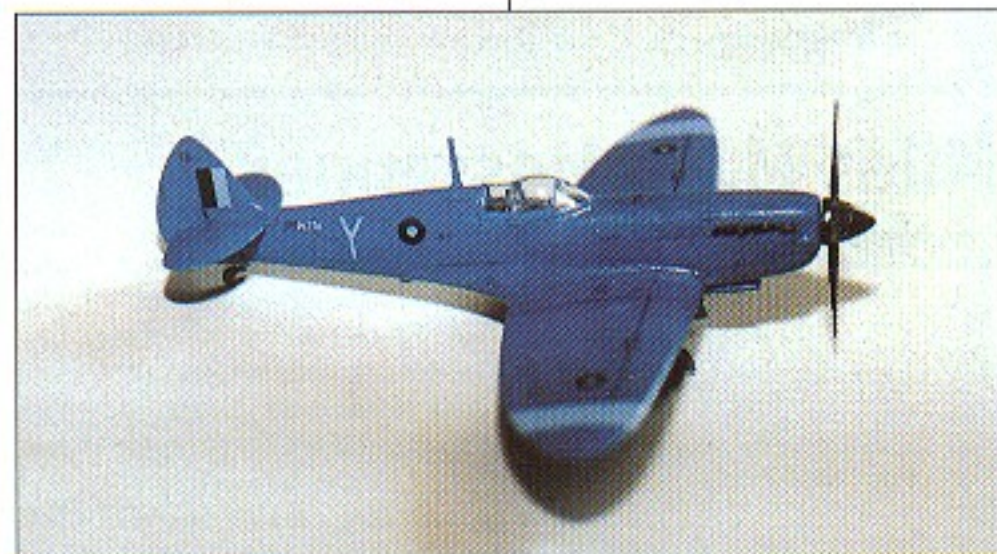
The lower wing is in one piece and once the flash is removed from the wheel wells and the ejector pin marks trimmed down a bit, the top wings are glued into position. I found the wings fitted together well and only needed a little rubbing down to remove the sprue gate marks. The wings need a little trimming at the wing roots to get them to fit the fuselage but once done are a brilliant fit. No filler was needed in the joins but a little thinning of the front of the port wing fairing was required. The tail is a butt fit and gives no problems.

At this point I gave the model a coat of primer and found that the wing to fuselage joints would need a little more rubbing down. At this stage you are supposed to cut the holes for the ventral cameras and fill the holes with either a transparency (not supplied) or a clear filler. I forgot and later painted the holes a dark grey and then gave them a coat of gloss varnish to represent the camera windows.

The resin air-intake then goes on. Care needs to be taken cutting this away from the resin block. I managed to break one of the resin exhaust manifolds on the same block while doing this. The radiator housings are fitted next. Quite a lot of trimming of the

radiators is needed to get them to fit snug in their housing and to get the housing to lie correctly under the wings. I fitted the largest fuel tank (130 gallon, I think) on the sprue at this stage. It did not seem to fit too well but on checking photographs that's how they look.

The model was now given a coat of PRU Blue and the panels lines highlighted by a dark wash. Next it was given a coat of Klear ready for applying the decals. Once the decals were applied the model was given another coat of Klear and once dry the wing stripes were masked off using PVC insulation tape (I find I get a better edge with PVC tape rather than masking tape) and the wing stripes painted a very light



blue but not quite off-white so it matched the wing and tail fin decal's colour. The instruction sheet quotes the wing stripes as being white.

I then added the spinner, (painted matt black with a small amount of white added), exhaust manifolds, tailwheel and doors, and finally the main undercarriage. The undercarriage axles are a bit long and the wheels a little too fat to fit into the wheel wells. The canopy is very thin and clear almost like a vac-formed one and fits well.

There is a tiny bump to add to the fuselage from the resin fret, the pitot tube and the oleo brackets. I managed to break mine as they are very thin, so I used a couple of lengths cut from an etched sheet and bent them to shape. The aerial you have to make yourself; I used stretched sprue. Final touching up was done, followed by a thin coat of Johnson's Klear.

Accuracy

Using Air International plans, The World Encyclopedia of Aircraft, The History of the

RAF and Spitfire a Complete Fighter History, I was unable to fault the accuracy. The gull-wing effect where the lower wings meet the fuselage is there, as is the curved non-armour plated windscreen. The kit comes with four-spoked wheels which appears correct. My only criticisms are the fat wheels and the nose spinner is too long and pointy, but that can be rubbed down to size. Photos show what looks like a wheel trim cover on some aircraft.

The model scales up to 11.23 m Span and 9.57 m Length which is spot on for the span but a little long on the length (about 1 mm due to the spinner).

Colour Options

You have two, a USAF version in overall Aluminium with an Olive Drab anti-glare panel on the nose. The panels below the

exhausts are red and the rudder is green. The second is PRU Blue overall.

Decals

The decals are finely printed, with very little carrier film visible and a gloss finish. The tail fin markings and roundels are a little out of register. Only a couple of seconds in luke warm water is needed for the decals to slide off the backing sheet. I spent some time getting all the stencilling in the right positions. Too long in the water and they fall off the backing sheet and curl up. Be warned!

Decal Rating = 7/10.

Conclusion and Recommendations

I enjoyed this one, challenging enough to be interesting without getting too frustrated. Highly recommended.

My thanks to MPM for the review sample.

Mike Kingsley



Thank You

Scale Aviation Modeller International would like to thank Revell, Binney & Smith (Europe) Ltd for the generous supply of paints and accessories from their extensive range for use by the review team throughout 2000.



Thank You

Scale Aviation Modeller International would like to thank AstroModel for the generous supply of paints from their LifeColor range for use by the review team throughout 2000.



Thank You

Scale Aviation Modeller International would like to thank Humbrol Ltd for the generous supply of paints and accessories from their extensive range for use by the review team throughout 2000.

LAST REMAINING BOXES £39.99 + £5.00 p&p

LIMITED EDITION

BATTLE OF BRITAIN MEMORIAL FLIGHT

**Millennium
Collection**

- 2000 SETS ONLY



**1:72 scale kits of every
aircraft the flight fly in one boxed collection**

Collection includes:
Spitfire Mk I, V, VIII, Two Hurricane Mk I's,
Lancaster B, Two Chancellorsville and produced by Airfix, Matchbox, AMT.
Each box contains a print of BBNF from a painting by Eric Day
individually signed by Sir John Paul Day CBE, AFC, DFC, BEM.
Now seasons' deals designed by Dick Ward

Available from AIM Ltd,
The Manor House, Sillkey,
Wells Next The Sea, Norfolk, NR23 1QP
Tel: 01328 830969

DISPLAY CASES

100% DUST FREE

WALLCASES, GLASS TABLE TOP DISPLAY CASES,
GLASS & ACRYLIC DOMES



GOLDEN SILKWOOD

A Unique Solution to Displaying ©

42-44 Chestnut Avenue, Oadby, Leicester, England, LE2 5JG

Freephone 0800 013 4400

Freefax 0800 013 4411

Ref: SO3



*** INTERNATIONAL MAIL ORDER SERVICE ***

GREAT MODELS WEBSTORE

"The Source for All your Modelling Needs"
**Over 740 Manufacturers available, 40,000 products and
more than 19,000 pictures at the click of your mouse!**

Our best selling lines kept in stock are:

Academy	Eagle Publications	Pend Oreille Model
Aeromaster Decals	Eagle Strike Decals	Kits
& Paints	Eduard	Revell/Monogram
AFV Club	Engine & Things	Revell/Germany
Accurate Miniatures	EZ Mask	Royal Models
AJ Press	Friulmodel	Ryton Publications
Aires	Gunze Sangyo	SAM Publications
Aztec/Badger	Hasegawa	Shanghai Dragon
Black Box	Heimdal	Squadron/Signal
Classic Airframes	Publications	SuperScale
Classic Publications	Hobby Fan	Tamiya
Concord	Italeri	Testors
Publications	JJ Fedorowicz	True Details
Cutting Edge	Kalmbach	Verlinden
Modelworks	Koster Aero	Williams Bros
DML/Dragon	Enterprises	WarbirdTech
Dremel	Minicraft	Wing/Steel Master
DTU Publications	Osprey Publications	Xacto

Ask for our 26,000 product paper
CATALOG (Just \$5.00)

Shipping Rates: We have shipped to over 70
countries in 2000!

Continental US - \$5.50 UPS Ground. FREE
UPS shipping for orders over \$200.00.

Outside US - At cost (usually 10% of order)
plus \$1.50 S/H fee, plus insurance if requested.
Customs fees are the customer's responsibility.
\$5.50 credit for orders over \$200.00.

Phone Hours: 9:30AM to 5:30PM
MST Mon-Fri

Secure and Easy Internet Ordering:
<http://www.GreatModels.com>

E-mail: Sales@GreatModels.com
Utah Residents add 6.35% Sales Tax



or Money Orders. No COD.

3300 South 2065 East · Salt Lake City, UT 84109 USA

<http://www.GreatModels.com>

Phone: 801-474-1102 Fax: 801-474-0295

HANNANTS

**Stockists of the largest range of Plastic, Resin and
Vac Form Kits by all major and cottage industry
manufacturers from Academy to Xtravacs.**

Photo-etched parts by Eduard, Reheat, Airwave etc.

**Accessories and conversions by Aeroclub,
Black Box, Cutting Edge, Paragon, True Detail, etc.**
Paints by Tamiya, Testors, Xtracolor, Humbrol, Modelmaster.

Airbrushes - Tools - Books for Modellers

And we **SPECIALISE** in Decals and stock **ALL** available
sheets by Superscale, Xtradecal, Modeldecals, Experts Choice,
Cutting Edge, Ventura, Almark, Carpena, Aussie Decals, Blue
Rider, Daco, Dutch Decals, MAX, ATP, AHS, Flightpath, Liveries
Unlimited, Avigraphics, Skyline and many more including both
civil and military aircraft.

If it's advertised or reviewed in this magazine and connected with
Plastic Modelling try us first. We probably have it in stock.

Send now for our latest 2000 price list which includes.

Over 19,000 items from All Over the World.

UK. £2.50 Europe £4.25 Rest of the World £5.75

Mail Orders to Harbour Road, Oulton Broad, Lowestoft,
Suffolk NR32 3LZ England.

UK local rate number - Tel: 0845 144 72 48

Tel: 01502 517444 (8 lines) Fax: 01502 500521

(all major credit cards accepted)

Visiting London? Our shop is at

159 Colindale Ave. London NW9 5HR. Tel: 0208 205 6697

Next door to Colindale Tube Station, Northern Line,

1/2 mile from the RAF Museum, Hendon

www.hannants.co.uk e-mail sales@hannants.co.uk

Voted No1 for MAIL ORDER

News

Note: All of the items listed have recently been released and are here for our readers' information. Full reviews of each will appear next month.

Eduard M.A.

1/72nd Scale
72-344 Junkers Ju 188 (Italeri) [eb]
'Zoom Series'
SS142 Dewoitine D.520 (Hasegawa) [eb]
1/48th Scale
48-335 Polikarpov I-16 Type 10
(Hobbycraft/Academy) [eb]
48-345 F-15E Strike Eagle (Revell-Monogram) [eb]
'Zoom Series'
FE121 N.A. T-6G Texan (Occidental) [eb]
FE132 F-16C Fighting Falcon (Italeri) [eb]

CMK

1/72nd Scale
7036 - Mosquito B Mk IV Engine (Hasegawa)
{£5.30} [r]

Black Box

1/48th Scale
48027 - F6F Hellcat Cockpit Set (Hasegawa) [r]

NOTE:

Items shown in parenthesis () indicate the manufacturer of the intended/suitable/donor kit, while those in { } are the known price and those in [] indicate the medium used as listed below

Key

ac = Acetate
br = Brass
dec = Decals
eb = Etched Brass (or Steel)
gl = Glass
i = Injection Moulded Plastic
ma = Die-cut Mask
p = Plastic (Soft)
r = Resin
vf = Vac-formed Plastic (or Clear)
wm = White Metal (or Pewter)

WingMan

The latest little Mosquito 'goody' has been passed directly to us for review by this manufacturer.

1/48th Scale

Subject: D.H. Mosquito Mk XIX/J.30 Universal Radar Radome.

Scale: 1/48th

Product No.: 48003

Type: Accessory

Designed for: Tamiya kit

Parts: 2 Resin

Price: £TBA

Includes: One of the areas of a Mosquito that is very confusing is the radome, and none more so than the 'universal' unit fitted to the Mk XIX and J.30. Thanks to new plans discovered in Sweden, WingMan has now produced the first accurate Universal Radome for the type. This item is designed to fit the new Tamiya Mosquito kits and comprises the two forward fuselage sections, plus the bulbous radome itself. All these parts are direct replacements for the kit components, so no surgery whatsoever is required.

Conclusion

The example shown here is an early production version, but it still shows the excellent quality and detail that WingMan has achieved. It is not until you see the complex shape of this radome alongside existing ones that you appreciate how different this one looks.

At present we are unaware of any UK

Black Box

Two of the latest sets from this American firm have been passed to us for review by Hannants.

1/48th Scale

Subject: F-101B Voodoo Cockpit Set

Scale: 1/48th **Product No.:** 48011

Type: Accessory **Designed for:** Monogram kit

Parts: 21 Resin **Price:** £20.00



48011 F-101B Voodoo Cockpit Set (Monogram)

Includes: The main component in this set is the cockpit 'tub', which is highly detailed. With this are the ejection seats, side consoles, control column, rudder pedals, throttle lever, front instrument panel and coaming, rear radar scope and aft instrument panel.

1/32nd Scale

Subject: F-16A Cockpit Set

Scale: 1/32nd **Product No.:** 32002

Type: Accessory

Designed for: Hasegawa kit

Parts: 20 Resin **Price:** £26.00

Includes: Once again the biggest part in this set is the cockpit 'tub' with all its associated pipework and detail. An ejection seat, instrument panel, coaming, rear decking, rudder pedals, sidewall detail, control stick and throttle lever make up the rest of the package.

Conclusion

Each of these sets is highly detailed and



32002 F-16A Cockpit Set (Hasegawa)

is far superior to the same area in the intended kit. The casting is perfect and the parts will only need careful assembly and painting to ensure a very effective end result.

Our thanks to Hannants for the review samples.

Teknics

Sent to us by Cutting Edge is the latest addition to this range, which is distributed by them.

Subject: F7F Tigercat Landing Gear

Scale: 1/48th

Product No.: TK48071

Type: Accessory

Designed for: AMT/Ertl kit

Parts: 5 Cast Brass

Price: \$24.99

Includes: When I made four of the AMT F7F kits a few years back, the one thing that concerned me was the undercarriage. The 'jointed' style of leg fitted to the type is fine on the real thing in

steel, but to scale, in plastic, it is too flimsy. As a result the models 'quake' every time you go near them. This latest set from Teknics will solve all this, as these replacement undercarriage legs are made of (strong) brass and have more detail than the kit parts.

Conclusion

This item certainly is a vast improvement on the kit parts, but for UK modellers the straight \$=£ exchange rate that we experience means that this set is likely to be double the price of the kit to which it is to be fitted! That said, if you don't want your F7F to wobble alarmingly, then these new undercarriage legs are your only hopes as white metal replacement units would be too flimsy even if they were available!



TK48071 F7F Tigercat Landing Gear (AMT/Ertl)

Our thanks to Meteor Productions for the review sample.

RVHP

One of the most recent conversion sets from this Czech firm has been passed to us by Hannants, who are the UK stockist for the range.

1/72nd Scale

Subject: Grumman TBM-3W Avenger

Scale: 1/72nd **Product No.:** 7240

Type: Conversion **Designed for:** Hasegawa kit

Parts: 9 Resin **Also includes:** Decals

Price: £22.50

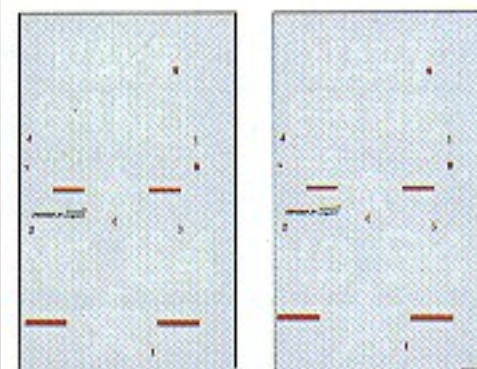
Includes: In this set you get totally revised fuselage halves depicting the huge ventral APS-20 radome, along with the 'solid' rear canopy section. Separate parts include the finlets added to the tailplanes, a separate rudder and the two reinforcing plates on either side of the aft canopy. The set also contains two decal sheets (by MPD); they are identical, but only offer half of the colour scheme shown on the instructions or box art, so combined they should do the job!

Conclusion

The resin fuselage sides are commendably thin, so fitting the Hasegawa interior into them should not be too hard. Many may think that the radome and upper decking would have been an easier option, but at



7240 Grumman TBM-3W Avenger Conversion (Hasegawa)



The decal sheets from 7240

least with this set you get a nice strong fuselage without various cuts and joints.

Our thanks to Hannants for the review sample.

Prices: Please note that all foreign prices quoted within this section are those supplied by the manufacturer and therefore will be subject to conversion, shipping and import tax within the UK.

Cutting Edge

A mass of new accessories and conversions have been passed directly to us by this American manufacturer.

1/72nd Scale

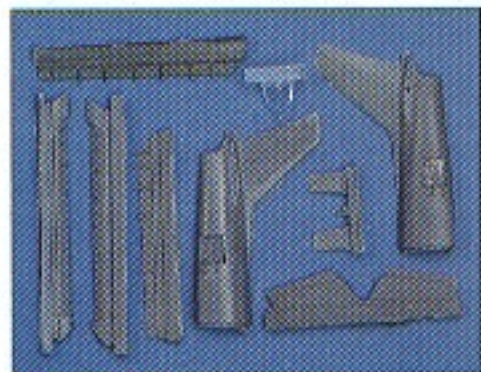
Subject: N.A. F-86A Sabre

Scale: 1/72nd **Product No.:** CEC72014

Type: Conversion **Designed for:** Fujimi kit

Parts: 11 Resin, 1 (Clear) **Price:** \$25.99

Includes: This set is designed for the Fujimi F-86F-3D kit and the main components are entirely new rear fuselage halves. The kit's fuselage will need to be sawn in two (on a panel line) and the new resin sections added. The kit horizontal stabilisers are replaced and inserts and slats for the wing leading edges are also included. The clear resin component is the windscreen, which is suitable for all A-5 through to E-6 versions. The instructions note the addition of the flat armoured glass into this before fitment, but this item is not included in the set as indicated on the instructions (it should be cast alongside the new windscreen)? A pitot for inside the nose intake and gun door ports for either side of the nose complete this conversion. Note, if you are considering the A-1 version, you will have to scratchbuild the curved windscreen of that type, as it is not included in this set.



CEC72014 F-86A Conversion (Fujimi)

Subject: N.A. F-86E (Early) Sabre

Scale: 1/72nd **Product No.:** CEC72015

Type: Conversion **Designed for:** Fujimi kit

Parts: 4 Resin, 1 Clear **Price:** \$16.99

Includes: This set basically contains the wing leading edge slats and inserts, as well as the windscreen that was offered in the previous set. Once again reference is made to the 'armoured glass' for the new windscreen, but it is not present in the set. Neither are the replacement horizontal stabilisers noted in the instructions.



CEC72015 F-86E (Early) Conversion (Fujimi)

Subject: N.A. F-86E (Late) & F-86F (Early) Slats

Scale: 1/72nd **Product No.:** CEC72016

Type: Conversion **Designed for:** Fujimi kit

Parts: 4 Resin **Price:** \$13.99

Includes: Here you get the leading edge inserts and separate slats suitable for the F-86E-10 through to the F-86F-20. Once again replacement horizontal stabilisers are shown in the instructions, but they are neither needed, nor included in this set.



CEC72016 F-86E (Late) Conversion (Fujimi)

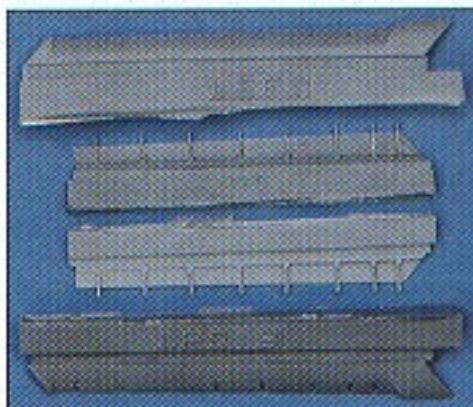
Subject: N.A. F-86F-40 & Sabre Mk 6 Extended Slats

Scale: 1/72nd **Product No.:** CEC72017

Type: Accessory **Designed for:** Fujimi kit

Parts: 4 Resin **Price:** \$13.99

Includes: This final set is just a set of inserts and separate flaps suitable for the standard F-86F-40 Fujimi kit.



CEC72017 F-86F-40/Sabre Mk 6 Extended Slats (Fujimi)

1/48th Scale

Subject: F6F Corrected Cowl

Scale: 1/48th

Product No.: CEC48109

Type: Correction Set

Designed for: Hasegawa kit

Parts: 1 Resin

Price: \$11.99

Includes: If you have ever looked at the front of a real F6F and compared it with the same area in the Hasegawa kit, you will soon see that there is something wrong. It is one of those annoying little details about an otherwise excellent kit, and so this new direct replacement part from Cutting Edge allows you to correct the model, albeit at a price not far short of that of the basic kit!



CEC48109 F6F Corrected Cowl (Hasegawa)

Subject: B-25 Corrected Cowls

Scale: 1/48th **Product No.:** CEC48184

Type: Correction Set

Designed for: Accurate Miniatures kit

Parts: 2 Resin **Price:** \$14.99

Includes: One of the first 'errors' to be highlighted with the Accurate Miniatures B-25 kit was the cowls. So if you can't live knowing that your completed model may be that little bit inaccurate, these new replacement cowls from Cutting Edge will sort things out.

Subject: N.A. F-86A Sabre

Scale: 1/48th

Product No.: CEC48196

Type: Conversion

Designed for: Hasegawa or Academy kits

Parts: 11 Resin, 1 Clear **Price:** \$34.99



CEC48184 B-25 Corrected Cowls (Accurate Miniatures)

Includes: Although this is based on the Hasegawa (or Academy) kit and is in this larger scale, this conversion is identical in contents and approach to the 1/72nd scale version reviewed earlier. Once again armoured glass for the clear resin windscreen is noted in the instructions, but this component is not included in the set.



CEC48196 F-86A Conversion (Hasegawa or Academy)

Subject: N.A. F-86E (Early) Sabre

Scale: 1/48th

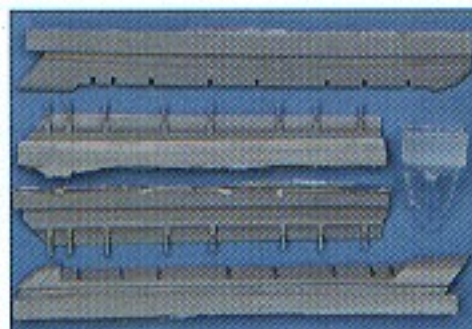
Product No.: CEC48197

Type: Conversion

Designed for: Hasegawa or Academy kits

Parts: 4 Resin, 1 Clear **Price:** \$22.99

Includes: This set is identical to the 1/72nd scale version (#CEC72015) reviewed earlier, just in this bigger scale.



CEC48197 F-86E 'Early' Conversion (Hasegawa or Academy)

Subject: N.A. F-86E (Late) & F-86F (Early) Slats

Scale: 1/48th

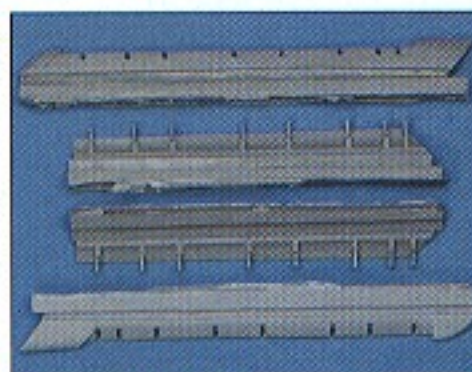
Product No.: CEC48198

Type: Conversion

Designed for: Hasegawa or Academy kits

Parts: Resin **Price:** \$17.99

Includes: This set is identical to the 1/72nd scale version (#CEC72016) and offers the wing inserts and separate leading edge slats for the E-10 through F-20 variants.



CEC48198 F-86E 'late' Conversion (Hasegawa or Academy)

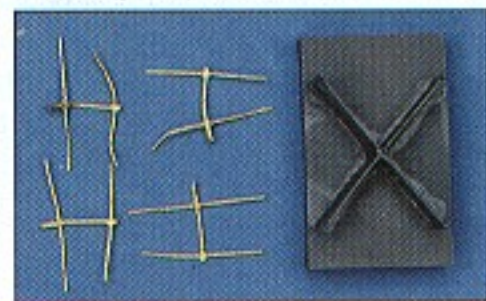
Subject: FuG 218 Neptune GR Radar Antenna

Scale: 1/48th **Product No.:** CEC48206

Type: Accessory **Designed for:** N/A

Parts: 1 Resin, 4 Cast Brass **Price:** \$17.99

Includes: One of the most complex items to produce convincingly are the various 'antler' and 'bedstead' radar antenna seen on Luftwaffe night fighters. Well, Cutting Edge have produced a mass of them combining their 'strong' resin and finely cast brass. This version uses resin for the main (cross shaped) section of the antenna and brass for each tubular aerial. Whether the resin antenna will come away from its casting block in one piece remains to be seen, but as you will see from the accompanying photo, the brass aerials don't survive the packaging process too well either! Brass will bend back of course, and is more resistant to breaking than white metal, but when shelling out \$18 for a set of antenna it would have been nice if a little thought had been taken with the packaging of the brass components (e.g. securely taped to cardboard).



CEC48206 FuG 218 Neptune GR Radar Antenna

Subject: F-86 Seamless Exhaust Pipe

Scale: 1/48th **Product No.:** CEC48218

Type: Accessory

Designed for: Academy or Hasegawa kits

Parts: 1 Resin **Price:** \$8.99

Includes: Very much 'in vogue' are seamless exhausts and intakes. There is nothing worse than not being able to camouflage a seamline on a model and this new exhaust from Cutting Edge will ensure this is not an area you have to worry about.



CEC48218 F-86 Seamless Exhaust Pipe

Subject: F-104G/J Super Detailed Cockpit

Scale: 1/48th **Product No.:** CEC48250

Type: Accessory **Designed for:** Hasegawa kit

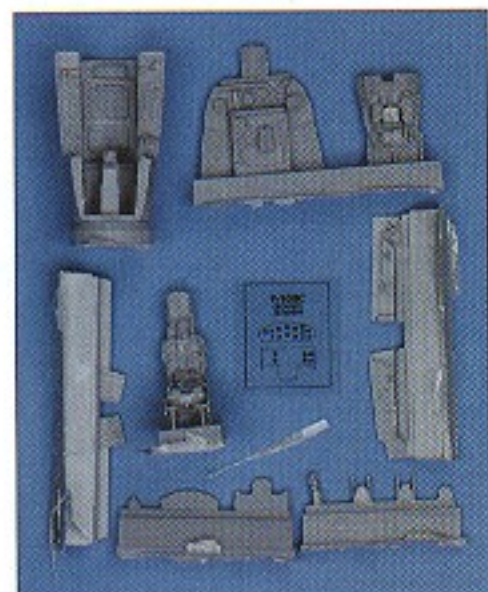
Parts: 14 Resin **Price:** \$15.99

Includes: This set offers a complete replacement cockpit for the new Hasegawa kit. A 'tub', sidewalls, rear bulkhead, instrument panel (two-part) and upper coaming are included, along with the control column, ejection seat and rudder pedals. All have got loads of lovely surface detail and the ejection seat has moulded seat harness.



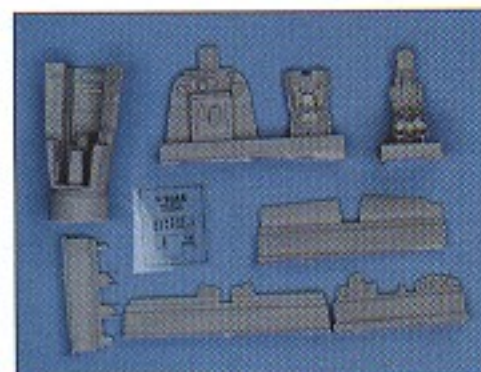
CEC48250 F-104G/J Super Detailed Cockpit (Hasegawa)

Subject: F-104C Super Detailed Cockpit
Scale: 1/48th **Product No.:** CEC48252
Type: Accessory **Designed for:** Hasegawa kit
Parts: 14 Resin **Price:** \$15.99
Includes: This set offers similar details, albeit for the earlier C versions, as the previous set.



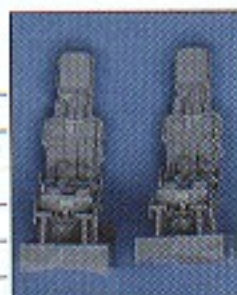
CEC48252 F-104C Super Detailed Cockpit (Hasegawa)

Subject: F-104A Super Detailed Cockpit
Scale: 1/48th **Product No.:** CEC48253
Type: Accessory **Designed for:** Hasegawa kit
Parts: 14 Resin **Price:** \$15.99
Includes: This is another cockpit set similar to the previous two, but in this one you get the Lockheed C-1 ejection seat suitable for the F-104A variant. With work, this set can also be adapted to fit the Monogram kit.



CEC48254 F-104A Super Detailed Cockpit (Hasegawa)

Subject: Lockheed C-2 Ejection Seat
Scale: 1/48th
Product No.: CEC48254
Type: Accessory
Designed for: N/A
Parts: 2 Resin
Price: \$6.99
Includes: This set offers two C-2 seats with moulded seat harness.



CEC48254 Lockheed C-2 Ejection Seat

Subject: Lockheed C-2 Ejection Seat Without Seat Harness
Scale: 1/48th
Product No.: CEC48255
Type: Accessory
Designed for: N/A
Parts: 2 Resin
Price: \$6.99
Includes: In this set you get the two C-2 seats but without any moulded seat harness



CEC48255 Lockheed C-2 Ejection Seat Without Seat Harness

Subject: Martin Baker GQ7 Ejection Seat With Harness
Scale: 1/48th **Product No.:** CEC48256
Type: Accessory **Designed for:** N/A
Parts: 2 Resin **Price:** \$6.99
Includes: This set offers two GQ7 seats with the seat harness moulded on.



CEC48256 Martin Baker GQ7 Ejection Seat With Harness

Subject: Martin Baker GQ7 Ejection Seat Without Harness
Scale: 1/48th
Product No.: CEC48257
Type: Accessory
Designed for: N/A
Parts: 2 Resin
Price: \$6.99
Includes: In this set you get two GQ7 seats but without any moulded seat harness detail.



CEC48257 Martin Baker GQ7 Ejection Seat Without Harness

1/32nd Scale

Subject: MiG-15/MiG-17 Bulged Wheels
Scale: 1/32nd **Product No.:** CEC32026
Type: Accessory **Designed for:** Trumpeter kit
Parts: 3 Resin **Price:** \$7.99
Includes: A simple set of replacement 'weighted' wheels for the Trumpeter kit with excellent tread and hub detail.



CEC32026 MiG-15/MiG-17 Bulged Wheels (Trumpeter)

Subject: MiG-15 Super Detail Cockpit
Scale: 1/32nd
Product No.: CEC32048
Type: Accessory
Designed for: Trumpeter kit
Parts: 17 Resin, 4 Acetate **Price:** \$24.99
Includes: This set offers a lovely, highly detailed replacement cockpit comprising a 'tub', instrument panel, rear bulkhead, ejection seat, gunsight, rudder pedals and various electrical boxes plus the dorsal turtledeck and canopy rails. Four acetate films are included for the instrument panels.



CEC32048 MiG-15 Super Detail Cockpit (Trumpeter)

Subject: MiG-15 Intake Splitter
Scale: 1/32nd
Product No.: CEC32052
Type: Accessory **Designed for:** Trumpeter kit
Parts: 3 Resin
Price: \$9.99
Includes: In this set you get a hefty resin splitter for the main intake on the MiG-15, along with two, smaller, auxiliary units. Hopefully close inspection of the areas in the kit these fit into will explain what the smaller parts are for, as there are no instructions with this set (or am I just being dense!).



CEC32052 MiG-15 Intake Splitter (Trumpeter)

Subject: MiG-15/MiG-17 Ejection Seat
Scale: 1/32nd
Product No.: CEC32053 **Type:** Accessory
Designed for: Trumpeter kit
Parts: 3 Resin
Price: \$11.99
Includes: In this set you get the (artillery shell

propelled) ejection seat from the MiG-15 and MiG-17 without any belts cast onto it, plus a separate headrest. Because these parts come from the cockpit update set, the casting block with the headrest also includes the control column, which is just an added bonus!



CEC32053 MiG-15/MiG-17 Ejection Seat (Trumpeter)

Subject: Soviet ASP-3N/PBP-1B Gunsight
Scale: 1/32nd
Product No.: CEC32054
Type: Accessory
Designed for: Trumpeter kit
Parts: 1 Resin **Price:** \$4.99



CEC32054 Soviet ASP-3N/PBP-1B Gunsight

Includes: This sight was fitted to a number of early Soviet jet fighters and is certainly suitable for the MiG-15 and MiG-17. All you have to add are some clear lenses from plasticard.

Conclusion

An excellent selection of high quality products from Cutting Edge. The casting of each is flawless and the level of detail most impressive. The few anomalies on the instructions are annoying, but easily noticed if you are carrying out research on that conversion subject.

Our thanks to Cutting Edge (Meteor Productions) for the review samples. American modellers can obtain all products in this range directly from Meteor, while UK modellers can obtain them from Hannants.

CMK

This month we have just one new accessory set from this Czech manufacturer.

1/48th Scale

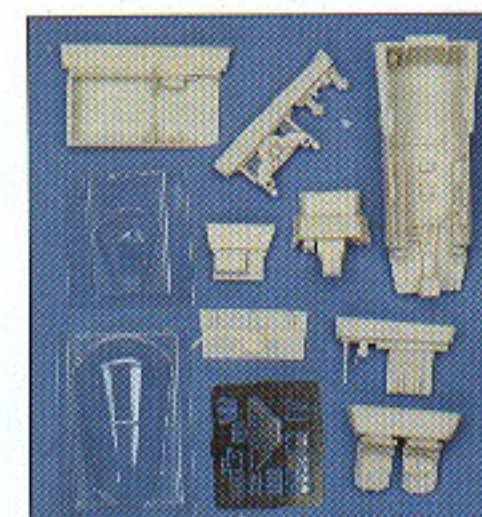
Subject: Focke Wulf Ta 154 Interior
Scale: 1/48th **Product No.:** 4065
Type: Accessory
Designed for: Revell®, Revell-Monogram and Dragon kits
Parts: 13 Resin, 22 Etched Brass, 2 Vac-formed Clear
Price: £9.85
Includes: A new cockpit 'tub', instrument panel, rear bulkhead, radio and radar equipment for the

rear section, control column, rudder pedals and seats. The etched fret contains the instrument panels, various levers and even the buckles to add to the moulded seat harness on the seats (neat idea). The set is completed with acetate film for the instrument panels and a two-part vac-formed canopy.

Conclusion

No matter if you have the Revell®, Revell-Monogram 'Pro-Modeler', Dragon or (even) Hasegawa boxings of this kit (it has been around a bit!), this set will add a great deal to the somewhat spartan cockpit area.

Our thanks to Hannants for the review sample.



4065 Ta 154 Interior (Revell-Monogram)

Prices: Please note that all foreign prices quoted within this section are those supplied by the manufacturer and therefore will be subject to conversion, shipping and import tax within the UK.

MOTOR BOOKS

MOTOR BOOKS

www.motorbooks.co.uk

Due, Recent and New Titles, Major Publishers

Please note that publishers' prices are subject to alteration without notice.

• Airline

Adventurous Empires (Empire Flying Boats)	£24.95
Airliner Tech Vol. 5: Lockheed L-188 Electra	£11.95
Airliner Tech Vol. 6: Boeing 747	£11.95
Battle Of Britain Memorial Flight (Colour Album)	£18.95
Douglas DC-3, The Survivors	£18.95
Heavies, Big Jets In Action (Colour Album)	£18.95
Hurricane, RAF Fighter	£9.95
MiG-29 Fulcrum, Multi Role Fighter	£24.95
SU-27 Flanker, Air Superiority Fighter	£24.95
The Big Six, U.S Airlines (Colour Album)	£18.95
Warbird Tech Vol.26: Avro Vulcan	£9.95
Warbird Tech Vol.27: Lockheed AH-56 Cheyenne	£9.95
Warbird Tech Vol.28: English Electric Lightning	£9.95
Warbird Tech Vol.29: B-26 Marauder	£11.95

• Aviation Week (New Series)

F-22 Raptor	£24.95
F/A -18 Hornet	£24.95
F-105 Thunderchief	£24.95
B-1B Lancer	£24.95
B-17 Flying Fortress	£24.95
B-24 Liberator	£24.95
B-2 Spirit	£24.95
B-47 Stratojet	£24.95

• Crowood Aviation Series

English Electric Canberra & Martin B-57	£29.95
Fairchild/Republic A-10 Thunderbolt II	£29.95
McDonnell Douglas A-4 Skyhawk	£29.95
Messerschmitt Bf-110	£25.00
North American F-86 Sabre	£29.95
Short Sunderland	£25.00
Vickers VC10	£29.95

• Midland

British Secret Projects, Jet Fighters since 1950	£24.95
Classic Airliners, 76 Older Types	£13.95
De Havilland Tiger Moth	£29.95
Luftwaffe Secret Projects 2: Bombers	£24.95
Soviet X-Planes	£29.95
Tomado Multi-role Combat Aircraft	£18.95

• Osprey

Aircraft of the Aces, Legends of WW2	£20.00
Aviation Elite 1: Jagdgeschwader 2	£13.99
Aviation Elite 2: 56th Fighter Group	£13.99
Aviation Pioneers 4: Lockheed's Skunk Work's	£9.99
Aviation Pioneers 3: German/Austrian Action in WW1	£9.99
Illustrated History of McDonnell Douglas Aircraft	£22.50
WW2 Luftwaffe Fighter Modelling	£19.99

• Aircraft of the Aces

Vol. 32 Albatross Aces of WW1	£11.99
Vol. 33 Nieuport Aces of WW1	£11.99

• Combat Aircraft

Vol. 17 JU-88 On the Western Front	£11.99
Vol. 18 B-17 Flying Fortress Units of the 8th Pt.1	£12.99
Vol.19 Sunderland Squadrons of WW2	£12.99
Vol.20 TBD Devastator Units of the USN	£11.99

• Schiffer Pubs

Convair F-102 Delta Dagger	£24.95
F-15 Eagle, Units, Colours & Markings	£45.00
German Jet Aircraft 1939-45	£24.95

Europe's Best Transport Bookshop

LONDON

33 St Martin's
Court, London,
WC2N 4AN

Tel: (+44)

020 7836 5376.

Fax: (+44)

020 7497 2539.

Mon-Fri

09h30 - 18h00

(Thur19h00),

Sat 10h30 - 17h30

OXFORD

8 The Roundway,
Oxford OX3 8DH.

Tel: (+44)

01865 766215

Fax: (+44)

01865 763555

Mon-Sat

09h15 - 17h30

MAIL ORDER POST & PACKING:

Inland:

10% of order value
(min. charge £3.50,
purchases over £50
post-free).

1st Class/Express
prices on request.

International:

15% of order value
(min. charge £5).
Please specify for
airmail.

Gray Ghosts, F-4s of the US Navy & USMC	£37.50
Heinkel HE 219, Illustrated History	£29.95
Lafayette Flying Corps	£45.00
U-2 Spyplane, Towards the Unknown	£24.95
US Army Aviation Colour & Markings 1942 to the Present	£39.95
We Flew Alone, USN B-24 Pacific Sqns	£16.95
US Naval Aviation 1910-1918	£45.00

X-Planes of the 3rd Reich Series

Focke Wulf TA 183	£7.95
Heinkel He 162	£12.95
Horten Ho-9	£10.95
Messerschmitt Me 209 VI	£12.95
Messerschmitt Me 263	£7.95
Messerschmitt Me P.1101	£7.95
Tank TA 154	£12.95

• Squadron Signal

Air War over Korea	£10.95
357th Fighter Group	£10.95
F-105 Thunderchief Walk Around	£12.99
F4F Wildcat (D&S Vol.65)	£10.95
FW190A Walk Around	£12.99
German Bombers of WWI in action	£7.99
H-53 Sea Stallion in action	£7.99
Mosquito in Action Pt.1 (Re-issued!)	£7.99
Mosquito in Action Pt.2 (Re-issued!)	£7.99
PBY Catalina (D&S Vol.66)	£10.95
P-61 Black Widow in action (Re-issued!)	£7.99
Typhoon & Tempest in Action (Re-Issue!)	£7.99

• Warpaint

Vol. 23 Fairy Gannet	£8.50
Vol. 24 Dornier DO-17	£8.50
Vol. 25 Short Sunderland	£9.50
Vol.26 Bristol Blenheim	£9.50
Vol.27 de Havilland Vampire	£16.50

• Miscellaneous/Other

Boeing 707 Pioneer Jetliner	£11.99
English Electric Lightning, Birth of the Legend	£35.00
Jet Planes of the 3rd Reich: Secret Projects Vol.1	£39.95
Ironworks, Story of Grumman & its Aircraft	£25.00
Pan Am Clipper, The History of	£16.99
Straight Down!, The A36 Dive Bomber	£19.95
Warplanes of the Future (Salamander)	£20.00
Westland Sea King in Detail (WWP)	£10.99
SU-27 Flanker Story	£29.95

We stock the following publishers/lines

• Aerofax	• Midland
• Aerospace	• Monogram
• Airline	• Motorbooks International
• Airline Tech	• Osprey
• Air International	• Polish & Czech Monographs
• AJ Press	• Salamander
• Allan Sutton	• Schiffer
• Arms & Armour	• Squadron Signal
• Crecy	• Warpaint
• Crowood Aviation	• Warbird Tech
• Detail & Scale	• Windsock
• Greenhill	• Wings of Fame
• Grubstreet	• World Airpower Journal
• Ian Allan	

Eagle Strike

- 1/72nd Scale**
 72021 Kosovo Eagles - F-15E (x3)
 72023 Pacific Striders Pt. 1 - B-25 (x3)
 72025 Vietnam Warriors Pt. 1 - F-4C/D (x4)
1/48th Scale
 48005 Kosovo Eagles - F-15E (x3)
 48006 Douglas Skyraiders (x3)
 48007 Me 262 Sturmbirds Pt. 1 - Me 262 (x11)
1/32nd Scale
 32016 Kosovo Eagles - F-15E (x3)
 32020 Fresco Collection Pt. 2 - MiG-17 (x5)

Liveries Unlimited

- 1/144th Scale**
 AFA4154 Boeing 737-800 Delta Air Lines (\$9.50).

Airways Graphics

- 1/144th Scale**
 A4-156 Boeing 757-200 USAirways (\$9.50).
 A4-157 Airbus A320/A321 British Midlands (\$9.50).
 A4-158 Boeing 737-600/700/800 SAS (New Colours) (\$9.50).

Leading Edge Models

- 1/72nd Scale**
 72.23 South African Sabre Mk 6 (x6)
Note: Also available in 1/48th (#48.23) and 1/32nd (#32.04) scale
1/48th Scale
 48.11 CAF CF-104 'Checkerboard' Starfighter

Note: All of the items listed have recently been released and are here for our readers' information. Full reviews of each may appear in a future edition.

Custom Aeronautical Miniatures

A new batch of 1/72nd scale releases from this range have been passed to us by Brockhurst Hobbies for review.

1/72nd Scale

72-003 McDD F-4J Phantom

- 1. F-4J Phantom, VF-3 'Tarsiers', USS America (CVA-66), 1968.

- 2. F-4J Phantom, VF-74 'Be-devilers', USS Nimitz (CVN-68), 1976.

Price: \$8.00/£6.75

72-006 McDD F-4J

- 1. F-4B Phantom, VF-32 'Swordsmen', USS John F. Kennedy (CVA-67), 1975.

- 2. F-4B Phantom, VF-84 'Jolly Rogers', USS Independence (CVA-62), 1965.

Price: \$8.00/£6.75

702-008 McDD F/A-18C

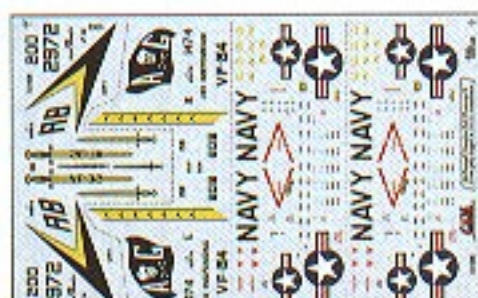
- 1. F/A-18C Hornet, VFA-195 'Dambusters', USS Kittyhawk (CV-63), 1998.

- 2. F/A-18C Hornet, VFA-131 'Wildcats', USS George Washington (CVN-73), 1997.

Price: \$8.00/£6.75



72-003 McDD F-4J Phantom



72-006 McDD F-4J

72-010 McDD F/A-18C

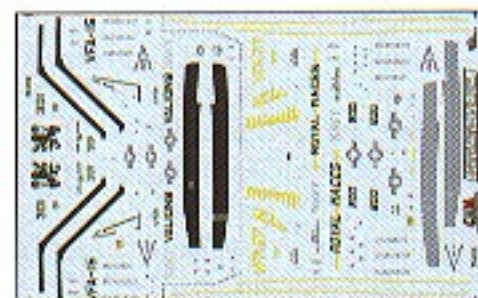
- 1. F/A-18C Hornet, VFA-15 'Valions', USS John F. Kennedy (CV-67), 1996.

- 2. F/A-18C Hornet, VFA-27 'Royal Maces', USS Independence (CV-62), 1997.

Price: \$8.00/£6.75



702-008 McDD F/A-18C



72-010 McDD F/A-18C

Conclusion

Each of these sheets comes with a full set of stencils, plus all the unique markings for each option.

Our thanks to Brockhurst Hobbies for the review samples.

Albatros Modelworks

This month sees another colourful sheet from this manufacturer and although we are only showing the 1/72nd scale version, it is also available in 1/48th scale.

1/72nd Scale

- ALC-72004 The Thud Alley - F-105 Nose Art
 •1. Republic F-105D-RE-10 'Memphis Belle II', S/No. 60-0504, 357th TFS, 355th TFW based at Takhli, March 1967 to October 1970.
 •2. Republic F-105D-RE-25, 'Jeanie II/I Dream

- of Jeanie', S/No. 62-4229, 357th TFS, 355th TFW, Takhli, October 1967 to February 1968.
 •3. Republic F-105D-RE-5, 'Daisy Mae', S/No. 58-1172, 357th TFS, 355th TFW, Takhli, May 1967 to April 1969.
 •4. Republic F-105D-RE-31, 'Pussy Galore I', S/No. 62-4357, 80th TFS, 6441st TFW, Takhli, July-August 1965.
 •5. Republic F-105D-RE-31, 'Pussy Galore II', S/No. 62-4364, 354th TFS, Takhli, September to November 1966.

- 6. Republic F-105D-RE-15, 'Cherry Girl', S/No. 61-0069, 388th TFW, Korat, April 1966 to July 1967.

- 7. Republic F-105D-RE-17C, 'Pussy Galore' (without nose art), S/No. 62-4377, 36th TFS, Takhli, May 1965.

Conclusion

Having seen 'Pussy Galore II' in all its glory (thanks Dave!) at the recent IPMS/UK event I can attest that these decals go on exceptionally well and the colour density and register are perfect. Some may be offended by the nature of the nose art, but I am sure most

of you will enjoy the totally non-PC (politically correct) nature of this sheet.

Those wanting this sheet in 1/48th scale can obtain it as ALC-48004.

My thanks to Albatros Modelworks for the review sample. UK modellers can obtain examples from Hannants.



Five of the options on ALC-72004

Fox One Decals

Two new sheets from this manufacturer has been passed to us by Hannants for review.

1/72nd Scale

- FOD 72-004 8th TFW Wolfpack Phantoms
 •1. F-4C-21-MC, 63-7680, Olds 01, 2nd January 1967.
 •2. F-4C-21-MC, 63-7680, Harpoon 03, 13th May 1967.
 •3. F-4C-24-MC, 64-0839, Crab 01, 6th January 1967.
 •4. F-4C-23-MC, 64-0839, Cheetah 03, 10th March 1967.
 •5. F-4C-20-MC, 64-7653, Cheetah 04, 10th March 1967.
 •6. F-4C-21-MC, 64-7668, Flamingo 01, 4th May 1967.
 •7. F-4C-21-MC, 63-7668, 497th TFS, June 1967.
 •8. F-4C-20-MC, 63-7623, Tampa 03, 20th May 1967.



- 9. F-4C-24-MC, 64-0829, Tampa 01, 20th May 1967.
 •10. F-4C-20-MC, 64-7647, Chicago 02, 5th June 1967.
 •11. F-4C-29-MC, 66-0249, Drill 01, 5th June 1967.
 •12. F-4C-19-MC, 63-7556, 433rd TFS, January 1967.

1/48th Scale

- FOD 48-004 8th TFW Wolfpack Phantoms
 This sheet offers the same options as in the previous (1/72nd scale) example.



Conclusion

A large selection of camouflaged F-4s, this sheet will appeal to 'Phantom Phans', as well as those who 'theme' on the Vietnam War.

Our thanks to Hannants for the review samples.

Sky's Decals

We know of Sky Models, but Sky's Decals is a new one on us. Samples from this new(?) range have therefore been passed to us by Hannants for review.

1/72nd Scale

No. 3 Israeli F-15I 'RAAM'

- 1. F-15I, No.201, Flying Test Centre.
 •2. F-15I, No.209, 'Patishim' (Hammers) Squadron.
 •3. F-15I, No.227, 'Patishim' (Hammers) Squadron.
 •4. F-15I, No.269, 'Patishim' (Hammers) Squadron.



No. 3 Israeli F-15I 'RAAM' (1/72nd)



No. 2 Israeli F-15I 'RAAM' (1/72nd)

1/48th Scale

No. 2 Israeli F-15I 'RAAM'

This offers the same four options seen in the previous (1/72nd

scale) sheet.

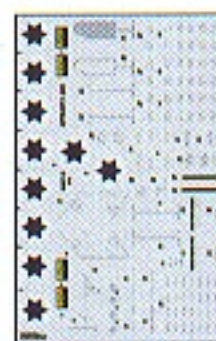
1/32nd Scale

No. 4 Israeli F-15I 'RAAM'

Yep, this is a scaled-up version of the 1/72nd scale sheet as well and offers the same four options.



The two decal sheets from No. 4 Israeli F-15I 'RAAM' (1/32nd)



Conclusion

Each sheet includes full stencils and there is a clear diagram on the instructions to show their placement. Colour references are by Federal Standard numbers (very good) and a complete list of suitable kits in each scale is also included.

Our thanks to Hannants for the review samples.

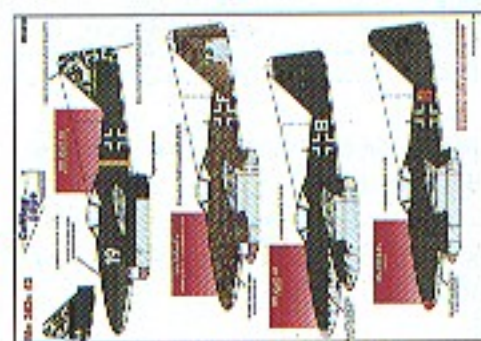
Cutting Edge

A nice big selection of new sheets has been passed directly to us by Meteor Productions for review this month.

1/48th Scale

CED48103 Messerschmitt Me 262 Part 2

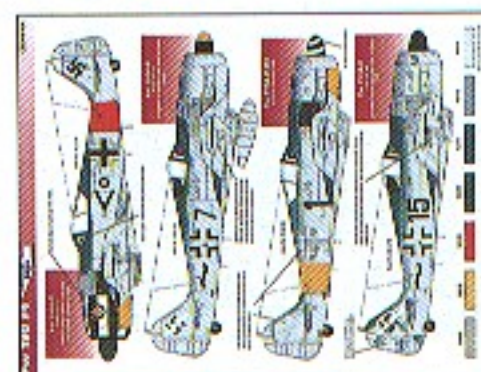
- 1. Me 262A-1a, 'White 19', Kommando Nowotny.
 - 2. Me 262A-2a, W/Nr. 111685, 9K+FH (formerly of KG 51) transferred to JV 44.
 - 3. Me 262A-2a, W/Nr. 170096, 9K+BH of 1./KG 51.
 - 4. Me 262A-2a, W/Nr. 170064, 9K+BK of 2./KG 51.
- Price: \$7.99



CED48103 Messerschmitt Me 262 Part 2

CED48104 Focke Wulf Fw 190s Part 4

- 1. Fw 190A-7, Stab I/JG 1, Dortmund, January 1944.
 - 2. Fw 190A-8, 'Black 7' of III(n)/JG 54, assigned to protect the Oder bridges, 1945.
 - 3. Fw 190A-7, 'Black 1' of 2./JG 11, March 1944.
 - 4. Fw 190A-8, 'Black 15', III(n)/JG 54 assigned to protect the Oder bridges, 1945.
- Price: \$8.99



CED48104 Focke Wulf Fw 190s Part 4

CED48107 F-84s Part 2

- 1. F-84G, 51-10466, flown by Lt. Q.J. Fuller of the 8th FBS.
- 2. F-84G, 51-1111, 'Five Aces' flown by Lt. Jim 'Suitcase' Simpson, 69th FBS, 58FBW, Taegu, Korea, 1952.
- 3. F-84E, 50-1139 of the 27th FEG.

Price: \$7.99



CED48107 F-84s Part 2

CED48111 F8Fs Part 1

- 1. F8F-1, BuNo. 95320, flown by Cmdr. H.E. Cook Jr the Commander of Air Group Nineteen, USS Boxer (CV-21), June 1947.
 - 2. F8F-2, BuNo. 121725 of Air Development Squadron 2 (VX-2), Naval Ordnance Test Station, Chincoteague, 1955.
- Price: \$8.99



CED48111 F8Fs Part 1

CED48112 F8Fs Part 2

- 1. F8F-2, VF-17 'Jolly Rogers', CVB-42 USS Franklin D. Roosevelt, March 1949.
 - 2. F8F-1B, G.C.1/9 'Limousin', 2e Escadrille l'Aigle, French Air Force, Vietnam.
 - 3. F8F-1, VF-3 'Tomcatters', NAS Oceana, early 1946.
 - 4. F8F-1B, G.C.1/9 'Limousin', French Air Force, Vietnam.
- Price: \$8.99

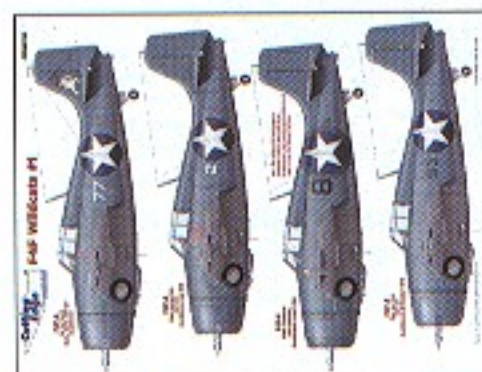


CED48112 F8Fs Part 2

CED48120 F4Fs Part 1

- 1. F4F-4, BuNo. 12094, VMF-221, Guadalcanal.

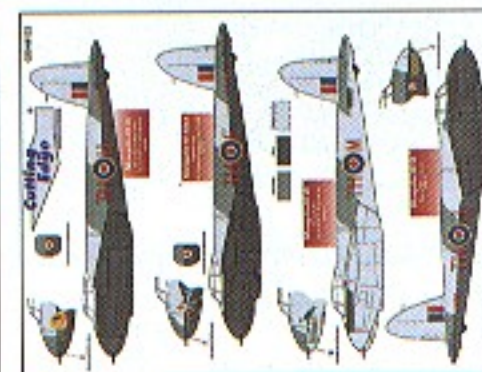
- 2. F4F-4, VMF-223, Guadalcanal, September 1942.
 - 3. F4F-4, from an unknown unit, Guadalcanal, 6th April 1943.
 - 4. F4F-4, VMF-121, Guadalcanal, 23rd October 1942.
- Price: \$8.99



CED48120 F4Fs Part 1

CED48122 Mosquito Part 1

- 1. Mosquito FB Mk VI, HJ719, TH-U, 'Moonbeam McSwine', No.418 (RCAF) Squadron.
 - 2. Mosquito NF Mk II, HJ715, TH-E, 'Cousin Jake', No.418 (RCAF) Squadron.
 - 3. Mosquito FB Mk VI, NS850, TH-M, 'Black Rufe', No.418 (RCAF) Squadron.
 - 4. Mosquito FB Mk VI, HX819, TH-J, 'City of Edmonton', No.418 (RCAF) Squadron.
- NOTE: Photos of 'Black Rufe' indicate that this machine had all the canopy framing painted black.
- Price: \$8.99



CED48122 Mosquito Part 1

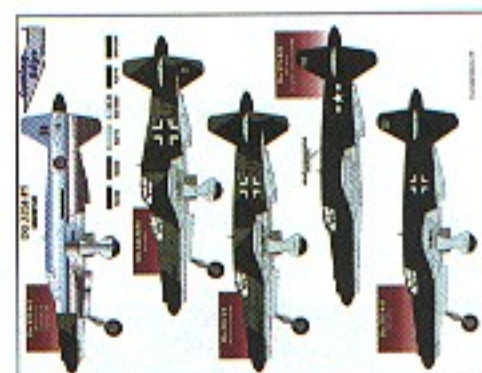
CED48130 Dornier Do 335 Part 1

- 1. Do 335A-1, Air Min 225, RAE Farnborough, December 1945.
 - 2. Do 335 M11, W/Nr. 230011, CP+UL.
 - 3. Do 335V3, T9+ZH, 1./Versuchsverband OKL.
 - 4. Do 335A-0, W/Nr. 240102, assigned to the US Navy for testing post-war.
 - 5. Do 335A-0, W/Nr. 240102, VG+PH.
- Price: \$8.99

CED48131 Dornier Do 335 Part 2

- 1. Do 335A-03, W/Nr. 240003, VG+PI.

- 2. Do 335A-12, W/Nr. 240111, RP+UA.
 - 3. Do 335M-14, test flown by French A.E.
 - 4. Do 335A-07, W/Nr. 240107, VG+PN.
 - 5. Do 335A-12, W/Nr. 240111, RP+UA.
- Price: \$8.99



CED48130 Dornier Do 335 Part 1



CED48131 Dornier Do 335 Part 2

CED48132 Dornier Do 335 Part 3

- 1. Do 335V9, W/Nr. 230009, CP+UL.
 - 2. Do 335A-12, W/Nr. 240112, Air Min 223.
 - 3. Do 335A-12, W/Nr. 240119.
 - 4. Do 335A-03, W/Nr. 240005, VG+PL.
 - 5. Do 335A-12, W/Nr. 240114.
- Price: \$8.99



CED48132 Dornier Do 335 Part 3

Conclusion

Each of these sheets is welcome, and it is no surprise to see a lot of new Do 335 sheets considering Tamiya's new kit of the type. Each sheet has full-colour instructions which include FS references.

Our thanks to Meteor Productions for the review samples. UK modellers can obtain this range via Hannants.

Carpena

A couple of new sheets from this manufacturer have been passed to us for review by Hannants.

1/72nd Scale

72.100 Portuguese Air Force Hurricane

- 1. Hurricane Mk IIc, S/No. 646, MP+G.
 - 2. Hurricane Mk IIc, 580+D.
 - 3. Hurricane Mk IIc, S/No. 534, MP+G.
 - 4. Hurricane Mk IIc, 511+B.
- Each machine is Ocean Grey and Dark

Green over Medium Sea Grey with various colours for the spinners.

Price: £4.99

1/48th Scale

48.90 Portuguese Air Force Hurricane

This is a scaled-up version of the previous (1/72nd scale) sheet and it offers the same four options.

Price: £4.99

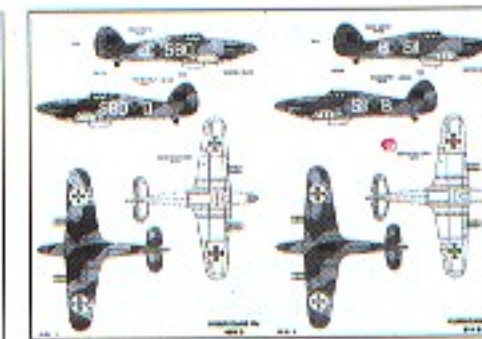
Conclusion

These sheets will be very popular for the Portuguese national insignia alone, so if you

want them I would get copies sooner rather than later. The decals themselves are excellent, with good colour density and register. Although no stencils are included, spare 'patches' of red, green and yellow are included and that is a nice touch.



72.100 Portuguese Air Force Hurricane



48.90 Portuguese Air Force Hurricane

Our thanks to Hannants for the review samples.

Jet Decal

This is a new series of airliner decals and samples have been passed to us by Meteor Productions.

1/200th Scale

JD200-001 B737-200 Ryanair (Hertz Rent a Car)

This machine (EI-CJC) is overall yellow with large Hertz logos on each fuselage side. Price: \$6.95



JD200-002 B737-200 Ryanair (Christmas)

This machine retains the basic white scheme of a Ryanair airframe but has had a Father Christmas hat and big smiley face added to the nose. Price: \$6.95



JD200-003 B737-200 Ryanair (Jaguar)

This machine is split 50/50 black and silver and features the leaping Jaguar logo on either side of the forward fuselage. Price: \$6.95



JD200-004 B737-200 Ryanair (Kilkenny Irish Beer)

This machine is painted to depict a pint of Irish beer, with the white (head) at the nose graduating into the black then red. Price: \$6.95



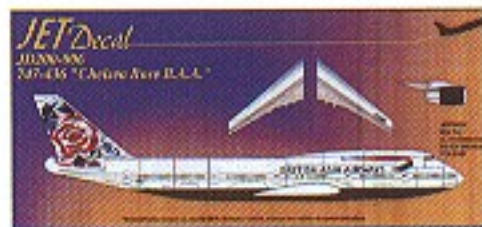
JD200-005 B737-200 Casino Express (King)

This machine is white with a black lower fuselage and entire tail area. On each side of the vertical fin is a playing card King image. Price: \$6.95



JD200-006 B747-436 British Asia Airways (Chelsea Rose)

This machine is in a standard BAA scheme, but features a large rose motif on either side of the vertical fin. Price: \$9.95



JD200-007 B747-200 United Parcel Service (Olympic)

This white and black machine has Olympic graphics on the fuselage sides along with a standard UPS logo on the vertical fin. Price: \$9.95



JD200-008 B737-48E Asiana (Visit Korea 1994)

A special 'Visit Korea' scheme on this machine includes legends on the fuselage sides as well as the national flag and colours on the vertical fin. Price: \$8.99



JD200-009 B747-400 Singapore (1000th 747)

A standard Singapore Airlines scheme, but with the added '1000th Boeing 747' legend added to each side of the upper decking. Price: \$10.95



JD200-010 B747-200 Cathay Pacific (Skyline)

This blue and white scheme features a 'Manhattan Skyline' (OK, it is supposed to be Hong Kong, but you know what I mean!) along the entire length of each fuselage side. Price: \$10.95

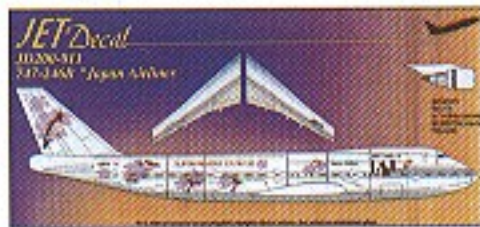


JD200-011 B737-246B Japan Air Lines (Humming)

This machine has five Humming birds painted on each fuselage side as well as a

larger one on the vertical fin.

Price: \$9.95



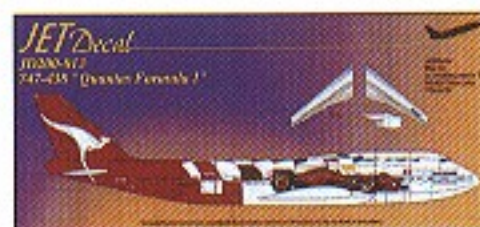
JD200-012 B747 Ansett Australia (Sydney 2000)

It did not take long for a 2000 Olympic scheme to appear and this one features some stunning artwork as well as graduated colours. The former are all decals, but the latter is up to the modeller... Price: \$11.99



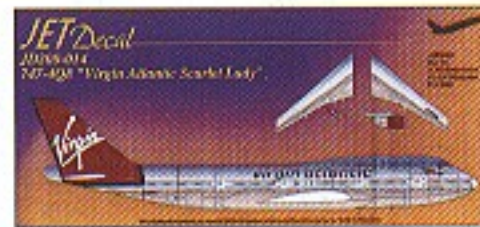
JD200-013 Qantas (Formula 1)

The special 'Ferrari style' logo on the side of this red and white machine is offered on this sheet. Price: \$10.95



JD200-014 Virgin (Scarlet Lady)

This bare metal and red scheme makes a nice change from the usual white and red Virgin fleet. Price: \$10.95



1/144th Scale

JD144-001 B737300 Southwest Airlines (Texas)

Big representations of 'stars and stripes' are included on the fuselage of this machine while it retains the red, orange and white Southwest scheme on the vertical fin. Price: \$6.95



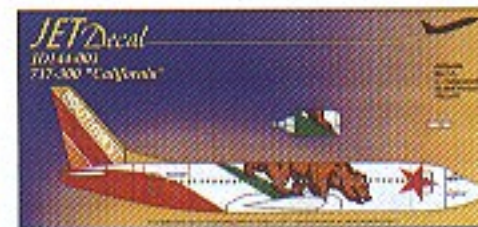
JD144-002 B737-300 Southwest Airlines (Arizona)

A very gaudy scheme, this machine features large areas of blue, red, orange and yellow, along with a big orange star - yuck! Price: \$8.99



JD144-003 B737-300 Southwest Airlines (California)

Another fairly gaudy Southwest scheme, although this one includes a big stylised image of a Grizzly Bear on each fuselage side. Price: \$6.95



JD144-004 B737-300 Southwest Airlines (Kittyhawk)

Just the standard orange, red and white Southwest scheme, although this one has a heart motif on each fuselage side. Price: \$6.95



JD144-005 B737-300 Western Pacific (Thrifty Cars)

A very striking overall blue machine with large Thrifty logos on the fuselage sides and a cartoon caveman sitting on a wheel depicted on the vertical fin. Price: \$6.95



JD144-006 B737-500 Southwest Airlines (Shamu)

Yes, it's a big whale all along the fuselage and it is there to promote Sea World in California. Price: \$9.95



Conclusion

Each of these sheets comes with full-colour instructions and comprehensive decals. The only down side is that no colour references at all are included, and this may make a few of the options quite hard to get right. The decals themselves include stencils along with windows and doors, so they are very comprehensive indeed.

Our thanks to Meteor Productions for the review samples.

Prices: Please note that all foreign prices quoted within this section are those supplied by the manufacturer and therefore will be subject to conversion, shipping and import tax within the UK.

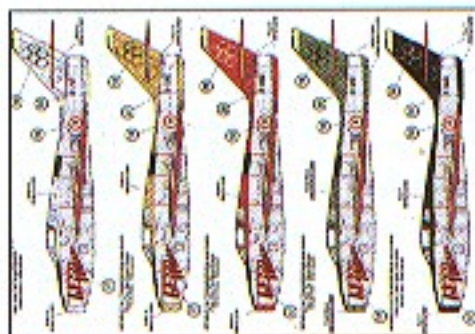
Tauro Model

A big batch of new sheets in both scales has been passed to us by Tauro for review.

1/72nd Scale

72-526 Aerobatic Teams

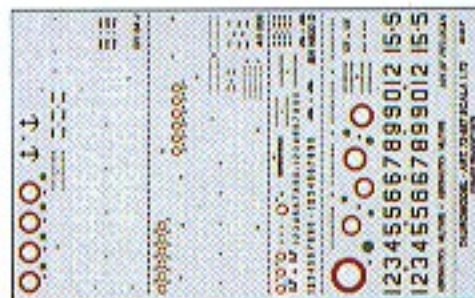
- 1. Canadair CL-13 Sabre of the 'Cavallino Rampante' display team, 1955-1956.
 - 2. Canadair CL-13 Sabre of the 'Lancieri Neri' display team, 1958-1959.
 - 3. F-84F Thunderstreak of the 'Getti Tonanti' display team, 1959-1960.
- The first option offers serials for ten machines of the team, the second offers just the one (19829) and the third has six different schemes for machines of the team.



72-526 Aerobatic Teams

72-557 - Italian National Insignia & Numerals

This sheet is designed for use with helicopters in this scale, and offers serials and markings for types such as the SH-34J, NH 500MC, AB 206 and HH-3E. The instructions give colour views of some options along with a comprehensive list of serials per type.

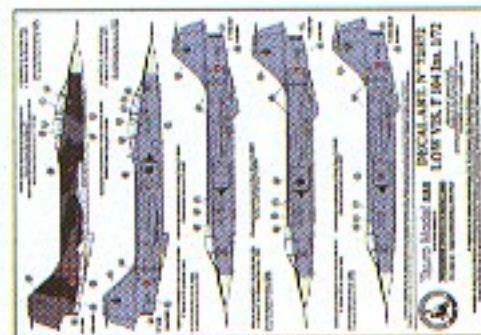


72-557 - Italian National Insignia & Numerals

72-572 Low-Vis F-104 (Old & New)

- 1. F-104A ASA, MM6713, 37° Stormo, 18° Gruppo, 1997.
- 2. F-104S ASA, MM6721, 51° Stormo, 22° Gruppo, 1996.
- 3. F-104S ASA, MM6840, 9° Stormo, 10° Gruppo, 1999.
- 4. F-104S ASA, MM6786, 21° Gruppo, 53° Stormo, 1996.

- 5. F-104S ASA, MM6814, 21° Gruppo, 53° Stormo, 1996.
- 6. F-104G, MM6526, 154° Gruppo, 6° Stormo, 1970.
- 7. TF-104G, MM54261, 4° Stormo, 20° Gruppo, 1997.
- 8. TF-104G, MM54553, 4° Stormo, 20° Gruppo, 1997.
- 9. F-104S ASA, MM6805, 4° Stormo, 9° Gruppo, 1997.
- 10. F-104S ASA, MM6769, 4° Stormo, 20° Gruppo, 1999.
- 11. F-104S ASA, MM6872, 5° Stormo, 23° Gruppo, 1999.



72-572 Low-Vis F-104 (Old & New)

1/48th Scale

48-511 A.M.I. Serial Numbers

This sheet offers a huge selection of different styles and sizes of serial number. These are appropriate for all A.M.I. machines such as the F-104, G.91/R1, MB.326 and F-86.



48-511 A.M.I. Serial Numbers

1/32nd Scale

32-507 A.M.I. Serial Numbers

This sheet offers various styles of serial number in white, black and black outlined grey form. These are suitable for A.M.I. machines such as the F-104, F-86 and Tornado.

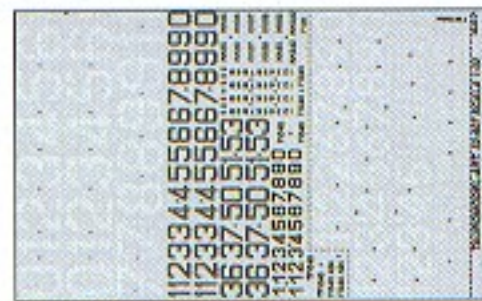
32-530 Italian Low-Vis F-104 Stencilling

This two-sheet set offers a wealth of low-viz stencils for the F-104, as well as a nice selection of 'remove before flight' tags.

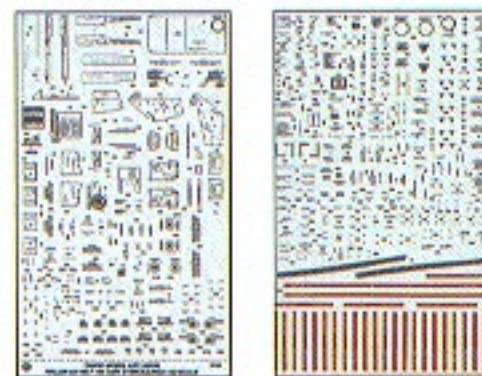
32-531 Low-Vis F-104

- 1. F-104S ASA, MM6721, 51° Stormo, 22° Gruppo, 1996.

- 2. F-104S ASA, MM6805, 4° Stormo, 9° Gruppo, 1997.
- 3. F-104S ASA, MM6769, 4° Stormo, 20° Gruppo, 1999.
- 5. F-104S ASA, MM6840, 9° Stormo, 10° Gruppo, 1999.
- 6. F-104S ASA, MM6872, 5° Stormo, 23° Gruppo, 1999.
- 7. F-104S ASA, MM6713, 37° Stormo, 18° Gruppo, 1997.
- 8. F-104S ASA, MM6909, 37° Stormo, 18° Gruppo, 1991.
- 9. F-104S ASA, MM6814, 53° Stormo, 21° Gruppo, 1994.
- 10. F-104G, MM6526, 6° Stormo, 154° Gruppo, 1970.



32-507 A.M.I. Serial Numbers



The two sheets from 32-530 (Italian Low-Vis F-104 Stencilling)



32-531 Low-Vis F-104

Conclusion

Each of these sheets is beautifully printed with excellent colour density and perfect register. The instructions are in both Italian and English and the sheer number of images per sheet has to be seen to be believed.

Our thanks to Tauro Models for the review samples.

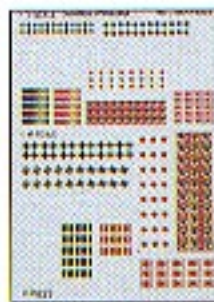
Fantasy Printshop

Two new sheets have been passed directly to us by Fantasy Printshop this month.

1/72nd Scale

FP827 - Kill

This 7cmx5cm sheet offers a variety of Allied kill markings in the form of German crosses and swastikas,



FP827 - Kill Markings

plus Japanese 'meatballs' and rising suns. Also included are white, red and black tally bars, although these are more common on the tail of Axis aircraft.

1/48th Scale

Illustrated Kill Markings

The title does not give you much idea of what is on the sheet, but basically it is those



Illustrated Kill Markings

illustrations you often see on the rudders of Fw 200s, Ju 88s etc. These are offered in both black and white and although the usual truck, tank, train and boat symbols are well known, I am not so sure about the cow and hedgehog!

Conclusion

Another well thought out couple of sheets from The Fantasy Printshop. Both will be invaluable additions to your decal 'stocks' and are highly recommended to all.

Our thanks to The Fantasy Printshop for the review samples.

AVAILABLE IN GOOD MODEL SHOPS

squadron/signal publications



NEW AND REISSUED BOOKS

5524 Walk Around Me Bf.110G	£3.95	Dec	£12.99
1175 Fairly Swordfish in Action	£3.95	Jan	£7.99

RECENT TITLES

1174 H-38 Sea Station in Action	£3.95	Oct	£7.99
1069 S.E.5a in Action Reprint	£3.95	Oct	£7.99
5523 Walk Around F-106 Thunderchief	£3.95	Oct	£12.99
1065 F-4 Phantom II in Action	£3.95	Nov	£7.99
6083 USMC Night Fighters 1942-53	£3.95	Nov	£10.95

FREE send large size for book catalogue now in colour

RODEN kits new from Ukraine

URO 009 Heinkel He.111C	£3.95	1:72	£15.95
URO 004 Fokker E.VD.VIII	£3.95	1:72	£5.49
URO 007 Fokker D.VI	£3.95	1:72	£5.49
URO 010 Fokker Dr.I WWI	£3.95	1:72	£5.49
URO 017 Fokker F.I WWI	£3.95	1:72	£5.49
URO 005 Heinkel He.111 B1.B2	£3.95	1:72	£16.95



URO 003 Platz D.III	£3.95	1:72	£5.49
URO 015 Platz D.IIIa	£3.95	1:72	£5.49

EASTERN EXPRESS FROM RUSSIA



RAE 72271 BAC Lightning (ex Frog)	£3.95	1:72	£7.99
RAE 72165 Aviatik (Berg) D.I (ex Toka)	£3.95	1:72	£5.99
RAE 72253 B-25 Mitchell (ex Frog)	£3.95	1:72	£6.99
RAE 72277 B-26 Marauder (ex Frog)	£3.95	1:72	£7.99
RAE 72204 DH.10 Sea Vixen FAW.2 (ex Frog)	£3.95	1:72	£6.99
RAE 72273 Fairly Firefly (ex Frog)	£3.95	1:72	£5.99
RAE 72266 Fairly Gannet AS Mk.I (ex Frog)	£3.95	1:72	£4.99
RAE 72164 Hansa Brandenburg D.I (ex Toka)	£3.95	1:72	£5.99
RAE 72163 Hansa Brandenburg W.29 (ex Toka)	£3.95	1:72	£8.50
RAE 72272 Hawker Hunter Mk.I (ex Frog)	£3.95	1:72	£4.99
RAE 72270 Hawker Typhoon Mk.Ib (ex Frog)	£3.95	1:72	£4.99
RAE 72251 Heinkel He.111 B1 (ex Toka)	£3.95	1:72	£4.99
RAE 72161 Messerschmitt 109 (ex Toka)	£3.95	1:72	£5.99
RAE 72162 Messerschmitt 109 (ex Toka)	£3.95	1:72	£5.99
RAE 72163 Platz D.XII (ex Toka)	£3.95	1:72	£5.99
RAE 72204 Polikarpov I-16 Soviet WWII Fighter	£3.95	1:72	£4.99
RAE 72164 Siemens Schuckert D.IIIIV (ex Toka)	£3.95	1:72	£5.99
RAE 72165 Sopwith 11/2 Strutter (ex Toka)	£3.95	1:72	£5.99
RAE 72166 Sopwith 7F.1 Snipe (ex Toka)	£3.95	1:72	£5.99
RAE 72167 Sopwith Salamander (ex Toka)	£3.95	1:72	£5.99
RAE 72206 Spitfire Mk.V Floatplane	£3.95	1:72	£4.99
RAE 72250 Tupolev SB-2 (ex Frog)	£3.95	1:72	£5.99
RAE 72254 Vukob Vengeance Mk.II (ex Frog)	£3.95	1:72	£4.99

Many more send for free list

MORE KITS FROM RUSSIA



RMQ 7223 Fairly Delta F.D.2 (ex Frog)	£3.95	1:72	£5.99
RMQ 72178 Armstrong Whitely (ex Frog)	£3.95	1:72	£9.99
RMQ 72112 Boeing 307 Stratoliner / C-75	£3.95	1:72	£17.95
RMQ 7206 DH-9a 2-seat Bomber	£3.95	1:72	£5.95
RPF 400 Gloster Javelin FAW 9/9R (ex Frog)	£3.95	1:72	£5.99
RMQ 7201 Iva Murovets Russian WWII Bomber	£3.95	1:72	£11.95



RGR 72003 Lavochkin La-9/11 1940/53	£3.95	1:72	£7.99
RSK 72042 MG-9UT1 Jet Trainer	£3.95	1:72	£3.99
RMQ 31103 Morane G WWI Monoplane	£3.95	1:48	£9.95
RMQ 72002 Typhoon Mk.Ib (Car Door)	£3.95	1:72	£5.99
RMQ 72222 Vickers 66 Vixen Commercial/Vernon	£3.95	1:72	£15.95
RMQ 72227 Vickers Wellington Mk.Ib (ex Frog)	£3.95	1:72	£13.95
RMQ 31104 Yak-7A Russian WWII Fighter	£3.95	1:72	£4.99
RMQ 31110 Yak-701 Russian Long-range Fighter	£3.95	1:72	£4.99
RMQ 31111 Yak-7V/UTI Russian Trainer	£3.95	1:72	£4.99

For free lists state interest and send large size to
POCKETBOND LTD (Dept SAM/A12/00)
PO BOX 80, WELWYN, AL6 0ND
Trade enquiries only on tel: 01707 391609 Fax 01707 327466

PO Box 99, Cary, NC 27512 Telephone: 1-919-233-0212 Facsimile: 1-919-469-0212 e-mail: aviausa@aol.com

AMT Decals 1:48

AMT49001 YAS-2 Stun's Eagles in YAK I

\$8.00

AMT Decals 1:72

AMT72001 Bomber Gladiator

\$4.75

AMT72002 Westland Lynx

AMT72003 Stun's Eagles in YAK I

AMT72004 YAK-2 Stun's Eagles in YAK I

\$4.75

ASTRA decals

ASD3201 USAF F-15C Lightning

\$8.50

ASD3202 USAF F-15C Lightning

\$17.50

ASD3203 USAF F-15C Lightning

\$17.50

ASD3204 USAF F-15C Lightning

\$17.50

ASD3205 USAF F-15C Lightning

\$17.50

ASD3206 USAF F-15C Lightning

\$17.50

ASD3207 USAF F-15C Lightning

\$17.50

ASD3208 USAF F-15C Lightning

\$17.50

ASD3209 USAF F-15C Lightning

\$17.50

ASD3210 USAF F-15C Lightning

\$17.50

ASD3211 USAF F-15C Lightning

\$17.50

ASD3212 USAF F-15C Lightning

\$17.50

ASD3213 USAF F-15C Lightning

\$17.50

ASD3214 USAF F-15C Lightning

\$17.50

ASD3215 USAF F-15C Lightning

\$17.50

ASD3216 USAF F-15C Lightning

\$17.50

ASD3217 USAF F-15C Lightning

\$17.50

ASD3218 USAF F-15C Lightning

\$17.50

ASD3219 USAF F-15C Lightning

\$17.50

ASD3220 USAF F-15C Lightning

\$17.50

ASD3221 USAF F-15C Lightning

\$17.50

ASD3222 USAF F-15C Lightning

\$17.50

ASD3223 USAF F-15C Lightning

\$17.50

ASD3224 USAF F-15C Lightning

\$17.50

ASD3225 USAF F-15C Lightning

\$17.50

ASD3226 USAF F-15C Lightning

\$17.50

ASD3227 USAF F-15C Lightning

\$17.50

ASD3228 USAF F-15C Lightning

\$17.50

ASD3229 USAF F-15C Lightning

\$17.50

ASD3230 USAF F-15C Lightning

\$17.50

ASD3231 USAF F-15C Lightning

\$17.50

ASD3232 USAF F-15C Lightning

\$17.50

ASD3233 USAF F-15C Lightning

\$17.50

ASD3234 USAF F-15C Lightning

\$17.50

ASD3235 USAF F-15C Lightning

\$17.50

ASD3236 USAF F-15C Lightning

\$17.50

ASD3237 USAF F-15C Lightning

\$17.50

ASD3238 USAF F-15C Lightning

\$17.50

ASD3239 USAF F-15C Lightning

\$17.50

ASD3240 USAF F-15C Lightning

\$17.50

ASD3241 USAF F-15C Lightning

\$17.50

ASD3242 USAF F-15C Lightning

\$17.50

ASD3243 USAF F-15C Lightning

\$17.50

ASD3244 USAF F-15C Lightning

\$17.50

ASD3245 USAF F-15C Lightning

\$17.50

ASD3246 USAF F-15C Lightning

\$17.50

ASD3247 USAF F-15C Lightning

\$17.50

ASD3248 USAF F-15C Lightning

\$17.50

ASD3249 USAF F-15C Lightning

\$17.50

ASD3250 USAF F-15C Lightning

\$17.50

ASD3251 USAF F-15C Lightning

\$17.50

ASD3252 USAF F-15C Lightning

\$17.50

ASD3253 USAF F-15C Lightning

\$17.50

ASD3254 USAF F-15C Lightning

\$17.50

ASD3255 USAF F-15C Lightning

\$17.50

ASD3256 USAF F-15C Lightning

\$17.50

ASD3257 USAF F-15C Lightning

\$17.50

ASD3258 USAF F-15C Lightning

\$17.50

ASD3259 USAF F-15C Lightning

\$17.50

ASD3260 USAF F-15C Lightning

\$17.50

ASD3261 USAF F-15C Lightning

\$17.50

ASD3262 USAF F-15C Lightning

\$17.50

ASD3263 USAF F-15C Lightning

\$17.50

ASD3264 USAF F-15C Lightning

\$17.50

ASD3265 USAF F-15C Lightning

\$17.50

ASD3266 USAF F-15C Lightning

\$17.50

ASD3267 USAF F-15C Lightning

\$17.50

ASD3268 USAF F-15C Lightning

\$17.50

ASD3269 USAF F-15C Lightning

\$17.50

ASD3270 USAF F-15C Lightning

\$17.50

ASD3271 USAF F-15C Lightning

\$17.50

ASD3272 USAF F-15C Lightning

\$17.50

ASD3273 USAF F-15C Lightning

\$17.50

ASD3274 USAF F-15C Lightning

\$17.50

ASD3275 USAF F-15C Lightning

\$17.50

ASD3276 USAF F-15C Lightning

\$17.50

ASD3277 USAF F-15C Lightning

\$17.50

ASD3278 USAF F-15C Lightning

\$17.50

ASD3279 USAF F-15C Lightning

\$17.50

ASD3280 USAF F-15C Lightning

\$17.50

ASD3281 USAF F-15C Lightning

\$17.50

ASD3282 USAF F-15C Lightning

\$17.50

ASD3283 USAF F-15C Lightning

\$17.50

ASD3284 USAF F-15C Lightning

\$17.50

ASD3285 USAF F-15C Lightning

\$17.50

ASD3286 USAF F-15C Lightning

\$17.50

ASD3287 USAF F-15C Lightning

\$17.50

ASD3288 USAF F-15C Lightning

\$17.50

ASD3289 USAF F-15C Lightning

\$17.50

ASD3290 USAF F-15C Lightning

\$17.50

ASD3291 USAF F-15C Lightning

\$17.50

ASD3292 USAF F-15C Lightning

\$17.50

ASD3293 USAF F-15C Lightning

\$17.50

ASD3294 USAF F-15C Lightning

\$17.50

ASD3295 USAF F-15C Lightning

\$17.50

ASD3296 USAF F-15C Lightning

\$17.50

ASD3297 USAF F-15C Lightning

\$17.50

ASD3298 USAF F-15C Lightning

\$17.50

ASD3299 USAF F-15C Lightning

\$17.50

ASD3300 USAF F-15C Lightning

\$17.50

ASD3301 USAF F-15C Lightning

\$17.50

ASD3302 USAF F-15C Lightning

\$17.50

ASD3303 USAF F-15C Lightning

\$17.50

ASD3304 USAF F-15C Lightning

\$17.50

ASD3305 USAF F-15C Lightning

\$17.50

ASD3306 USAF F-15C Lightning

\$17.50

ASD3307 USAF F-15C Lightning

\$17.50

ASD3308 USAF F-15C Lightning

\$17.50

ASD3309 USAF F-15C Lightning

\$17.50

ASD3310 USAF F-15C Lightning

\$17.50

ASD3311 USAF F-15C Lightning

\$17.50

ASD3312 USAF F-15C Lightning

\$17.50

ASD3313 USAF F-15C Lightning

\$17.50

ASD3314 USAF F-15C Lightning

\$17.50

ASD3315 USAF F-15C Lightning

\$17.50

ASD3316 USAF F-15C Lightning

\$17.50

ASD3317 USAF F-15C Lightning

\$17.50

ASD3318 USAF F-15C Lightning

\$17.50

ASD3319 USAF F-15C Lightning

\$17.50

ASD3320 USAF F-15C Lightning

\$17.50

ASD3321 USAF F-15C Lightning

\$17.50

ASD3322 USAF F-15C Lightning

\$17.50

ASD3323 USAF F-15C Lightning

\$17.50

ASD3324 USAF F-15C Lightning

\$17.50

ASD3325 USAF F-15C Lightning

\$17.50

ASD3326 USAF F-15C Lightning

\$17.50

ASD3327 USAF F-15C Lightning

\$17.50

ASD3328 USAF F-15C Lightning

\$17.50

ASD3329 USAF F-15C Lightning

\$17.50

ASD3330 USAF F-15C Lightning

\$17.50

ASD3331 USAF F-15C Lightning

\$17.50

ASD3332 USAF F-15C Lightning

\$17.50

ASD3333 USAF F-15C Lightning

\$17.50

ASD3334 USAF F-15C Lightning

\$17.50

ASD3335 USAF F-15C Lightning

\$17.50

ASD3336 USAF F-15C Lightning

\$17.50

ASD3337 USAF F-15C Lightning

\$17.50

ASD3338 USAF F-15C Lightning

\$17.50

ASD3339 USAF F-15C Lightning

\$17.50

ASD3340 USAF F-15C Lightning

\$17.50

ASD3341 USAF F-15C Lightning

\$17.50

ASD3342 USAF F-15C Lightning

\$17.50

ASD3343 USAF F-15C Lightning

\$17.50

ASD3344 USAF F-15C Lightning

\$17.50

ASD3345 USAF F-15C Lightning

\$17.50

ASD3346 USAF F-15C Lightning

\$17.50

ASD3347 USAF F-15C Lightning

\$17.50

ASD3348 USAF F-15C Lightning

\$17.50

ASD3349 USAF F-15C Lightning

\$17.50

ASD3350 USAF F-15C Lightning

\$17.50

ASD3351 USAF F-15C Lightning

\$17.50

ASD3352 USAF F-15C Lightning

\$17.50

ASD3353 USAF F-15C Lightning

\$17.50

ASD3354 USAF F-15C Lightning

\$17.50

ASD3355 USAF F-15C Lightning

\$17.50

ASD3356 USAF F-15C Lightning

\$17.50

ASD3357 USAF F-15C Lightning

\$17.50

ASD3358 USAF F-15C Lightning

\$17.50

ASD3359 USAF F-15C Lightning

\$17.50

ASD3360 USAF F-15C Lightning

\$17.50

ASD3361 USAF F-15C Lightning

\$17.50

ASD3362 USAF F-15C Lightning

\$17.50

ASD3363 USAF F-15C Lightning

\$17.50

ASD3364 USAF F-15C Lightning

\$17.50

ASD3365 USAF F-15C Lightning

\$17.50

ASD3366 USAF F-15C Lightning

\$17.50

ASD3367 USAF F-15C Lightning

\$17.50

ASD3368 USAF F-15C Lightning

\$17.50

ASD3369 USAF F-15C Lightning

\$17.50

ASD3370 USAF F-15C Lightning

\$17.50

ASD3371 USAF F-15C Lightning

\$17.50

ASD3372 USAF F-15C Lightning

\$17.50

ASD3373 USAF F-15C Lightning

\$17.50

ASD3374 USAF F-15C Lightning

\$17.50

ASD3375 USAF F-15C Lightning

\$17.50

ASD3376 USAF F-15C Lightning

\$17.50

ASD3377 USAF F-15C Lightning

\$17.50

ASD3378 USAF F-15C Lightning

\$17.50

ASD3379 USAF F-15C Lightning

\$17.50

ASD3380 USAF F-15C Lightning

\$17.50

ASD3381 USAF F-15C Lightning

\$17.50

ASD3382 USAF F-15C Lightning

\$17.50

ASD3383 USAF F-15C Lightning

\$17.50

ASD3384 USAF F-15C Lightning

\$17.50

ASD3385 USAF F-15C Lightning

\$17.50

ASD3386 USAF F-15C Lightning

\$17.50

ASD3387 USAF F-15C Lightning

\$17.50

ASD3388 USAF F-15C Lightning

\$17.50

ASD3389 USAF F-15C Lightning

\$17.50

ASD3390 USAF F-15C Lightning

\$17.50

ASD3391 USAF F-15C Lightning

\$17.50

ASD3392 USAF F-15C Lightning

\$17.50

ASD3393 USAF F-15C Lightning

\$17.50

ASD3394 USAF F-15C Lightning

\$17.50

ASD3395 USAF F-15C Lightning

\$17.50

ASD3396 USAF F-15C Lightning

\$17.50

ASD3397 USAF F-15C Lightning

\$17.50

ASD3398 USAF F-15C Lightning

\$17.50

ASD3399 USAF F-15C Lightning

\$17.50

ASD3400 USAF F-15C Lightning

\$17.50

ASD3401 USAF F-15C Lightning

\$17.50

ASD3402 USAF F-15C Lightning

\$17.50

ASD3403 USAF F-15C Lightning

\$17.50

ASD3404 USAF F-15C Lightning

\$17.50

ASD3405 USAF F-15C Lightning

\$17.50

ASD3406 USAF F-15C Lightning

\$17.50

ASD3407 USAF F-15C Lightning

\$17.50

ASD3408 USAF F-15C Lightning

\$17.50

ASD3409 USAF F-15C Lightning

\$17.50

ASD3410 USAF F-15C Lightning

\$17.50

ASD3411 USAF F-15C Lightning

\$17.50

ASD3412 USAF F-15C Lightning

\$17.50

ASD3413 USAF F-15C Lightning

\$17.50

ASD3414 USAF F-15C Lightning

\$17.50

ASD3415 USAF F-15C Lightning

\$17.50

ASD3416 USAF F-15C Lightning

\$17.50

ASD3417 USAF F-15C Lightning

\$17.50

ASD3418 USAF F-15C Lightning

\$17.50

ASD3419 USAF F-15C Lightning

\$17.50

ASD3420 USAF F-15C Lightning

\$17.50

ASD3421 USAF F-15C Lightning

\$17.50

ASD3422 USAF F-15C Lightning

\$17.50

ASD3423 USAF F-15C Lightning

\$17.50

ASD3424 USAF F-15C Lightning

\$17.50

ASD3425 USAF F-15C Lightning

\$17.50

ASD3426 USAF F-15C Lightning

\$17.50

ASD3427 USAF F-15C Lightning

\$17.50

ASD3428 USAF F-15C Lightning

\$17.50

ASD3429 USAF F-15C Lightning

\$17.50

ASD3430 USAF F-15C Lightning

\$17.50

ASD3431 USAF F-15C Lightning

\$17.50

ASD3432 USAF F-15C Lightning

\$17.50

ASD3433 USAF F-15C Lightning

\$17.50

ASD3434 USAF F-15C Lightning

\$17.50

ASD3435 USAF F-15C Lightning

\$17.50

ASD3436 USAF F-15C Lightning

\$17.50

ASD3437 USAF F-15C Lightning

\$17.50

ASD3438 USAF F-15C Lightning

\$17.50

ASD3439 USAF F-15C Lightning

\$17.50

ASD3440 USAF F-15C Lightning

\$17.50

ASD3441 USAF F-15C Lightning

\$17.50

ASD3442 USAF F-15C Lightning

\$17.50

ASD3443 USAF F-15C Lightning

\$17.50

ASD3444 USAF F-15C Lightning

\$17.50

ASD3445 USAF F-15C Lightning

\$17.50

ASD3446 USAF F-15C Lightning

\$17.50

ASD3447 USAF F-15C Lightning

\$17.50

ASD3448 USAF F-15C Lightning

\$17.50

ASD3449 USAF F-15C Lightning

\$17.50

ASD3450 USAF F-15C Lightning

\$17.50

ASD3451 USAF F-15C Lightning

\$17.50

ASD3452 USAF F-15C Lightning

\$17.50

ASD3453 USAF F-15C Lightning

\$17.50

ASD3454 USAF F-15C Lightning

\$17.50

ASD3455 USAF F-15C Lightning

\$17.50

ASD3456 USAF F-15C Lightning

\$17.50

ASD3457 USAF F-15C Lightning

\$17.50

ASD3458 USAF F-15C Lightning

\$17.50

ASD3459 USAF F-15C Lightning

\$17.50

ASD3460 USAF F-15C Lightning

\$17.50

ASD3461 USAF F-15C Lightning

\$17.50

ASD3462 USAF F-15C Lightning

\$17.50

ASD3463 USAF F-15C Lightning

\$17.50

ASD3464 USAF F-15C Lightning

\$17.50

ASD3465 USAF F-15C Lightning

\$17.50

ASD3466 USAF F-15C Lightning

\$17.50

ASD3467 USAF F-15C Lightning

\$17.50

ASD3468 USAF F-15C Lightning

\$17.50

ASD3469 USAF F-15C Lightning

\$17.50

ASD3470 USAF F-15C Lightning

\$17.50

ASD3471 USAF F-15C Lightning

\$17.50

ASD3472 USAF F-15C Lightning

\$17.50

ASD3473 USAF F-15C Lightning

\$17.50

ASD3474 USAF F-15C Lightning

\$17.50

ASD3475 USAF F-15C Lightning

\$17.50

ASD3476 USAF F-15C Lightning

\$17.50

ASD3477 USAF F-15C Lightning

\$17.50

ASD3478 USAF F-15C Lightning

\$17.50

ASD3479 USAF F-15C Lightning

\$17.50

ASD3480 USAF F-15C Lightning

\$17.50

ASD3481 USAF F-15C Lightning

\$17.50

ASD3482 USAF F-15C Lightning

\$17.50

ASD3483 USAF F-15C Lightning

\$17.50

ASD3484 USAF F-15C Lightning

\$17.50

ASD3485 USAF F-15C Lightning

\$17.50

ASD3486 USAF F-15C Lightning

\$17.50

ASD3487 USAF F-15C Lightning

\$17.50

ASD3488 USAF F-15C Lightning

\$17.50

ASD3489 USAF F-15C Lightning

\$17.50

ASD3490 USAF F-15C Lightning

\$17.50

ASD3491 USAF F-15C Lightning

\$17.50

ASD3492 USAF F-15C Lightning

\$17.50

ASD3493 USAF F-15C Lightning

\$17.50

ASD3494 USAF F-15C Lightning

\$17.50

ASD3495 USAF F-15C Lightning

\$17.50

ASD3496 USAF F-15C Lightning

\$17.50

ASD3497 USAF F-15C Lightning

\$17.50

ASD3498 USAF F-15C Lightning

\$17.50

ASD3499 USAF F-15C Lightning

\$17.50

ASD3500 USAF F-15C Lightning

\$17.50

ASD3501 USAF F-15C Lightning

\$17.50

ASD3502 USAF F-15C Lightning

\$17.50

ASD3503 USAF F-15C Lightning

\$17.50

ASD3504 USAF F-15C Lightning

\$17.50

ASD3505 USAF F-15C Lightning

\$17.50

ASD3506 USAF F-15C Lightning

\$17.50

ASD3507 USAF F-15C Lightning

\$17.50

ASD3508 USAF F-15C Lightning

\$17.50

ASD3509 USAF F-15C Lightning

\$17.50

ASD3510 USAF F-15C Lightning

\$17.50

ASD3511 USAF F-15C Lightning

\$17.50

ASD3512 USAF F-15C Lightning

\$17.50

ASD3513 USAF F-15C Lightning

\$17.50

ASD3514 USAF F-15C Lightning

\$17.50

ASD3515 USAF F-15C Lightning

\$17.50

ASD3516 USAF F-15C Lightning

\$17.50

ASD3517 USAF F-15C Lightning

\$17.50

ASD3518 USAF F-15C Lightning

\$17.50

ASD3519 USAF F-15C Lightning

\$17.50

ASD3520 USAF F-15C Lightning

\$17.50

ASD3521 USAF F-15C Lightning

\$17.50

ASD3522 USAF F-15C Lightning

\$17.50

ASD3523 USAF F-15C Lightning

\$17.50

ASD3524 USAF F-15C Lightning

\$17.50

ASD3525 USAF F-15C Lightning

\$17.50

ASD3526 USAF F-15C Lightning

\$17.50

ASD3527 USAF F-15C Lightning

\$17.50

ASD3528 USAF F-15C Lightning

\$17.50

ASD3529 USAF F-15C Lightning

\$17.50

ASD3530 USAF F-15C Lightning

\$17.50

ASD3531 USAF F-15C Lightning

\$17.50

ASD3532 USAF F-15C Lightning

\$17.50

ASD3533 USAF F-15C Lightning

\$17.50

ASD3534 USAF F-15C Lightning

\$17.50

ASD3535 USAF F-15C Lightning

\$17.50

ASD3536 USAF F-15C Lightning

\$17.50

ASD3537 USAF F-15C Lightning

\$17.50

ASD3538 USAF F-15C Lightning

\$17.50

ASD3539 USAF F-15C Lightning

\$17.50

ASD3540 USAF F-15C Lightning

\$17.50

ASD3541 USAF F-15C Lightning

\$17.50

ASD3542 USAF F-15C Lightning

\$17.50

ASD3543 USAF F-15C Lightning

\$17.50

ASD3544 USAF F-15C Lightning

\$17.50

ASD3545 USAF F-15C Lightning

\$17.50

ASD3546 USAF F-15C Lightning

\$17.50

ASD3547 USAF F-15C Lightning

\$17.50

ASD3548 USAF F-15C Lightning

\$17.50

ASD3549 USAF F-15C Lightning

\$17.50

ASD3550 USAF F-15C Lightning

\$17.50

ASD3551 USAF F-15C Lightning

\$17.50

ASD3552 USAF F-15C Lightning

\$17.50

ASD3553 USAF F-15C Lightning

\$17.50

ASD3554 USAF F-15C Lightning

\$17.50

ASD3555 USAF F-15C Lightning

\$17.50

ASD3556 USAF F-15C Lightning

\$17.50

ASD3557 USAF F-15C Lightning

\$17.50

ASD3558 USAF F-15C Lightning

\$17.50

ASD3559 USAF F-15C Lightning

\$17.50

ASD3560 USAF F-15C Lightning

\$17.50

ASD3561 USAF F-15C Lightning

\$17.50

ASD3562 USAF F-15C Lightning

\$17.50

ASD3563 USAF F-15C Lightning

\$17.50

ASD3564 USAF F-15C Lightning

\$17.50

ASD3565 USAF F-15C Lightning

\$17.50

ASD3566 USAF F-15C Lightning

\$17.50

ASD3567 USAF F-15C Lightning

\$17.50

ASD3568 USAF F-15C Lightning

\$17.50

ASD3569 USAF F-15C Lightning

\$17.50

ASD3570 USAF F-15C Lightning

\$1

TMT253	CapeViz 1-4 Prosefin CR-25.50 @/B PA	\$0.75
TMT257	Ad 203jms-mpSH-302CH-47 Sqd/GenPndL	\$0.75
TMT258	532-CDC-3527VC-100H Rowland AM	\$0.50
TMT264	Beech C-45Caird Ch21XDC-6C-119H-16	\$0.50

TN7254

TN72542	AS-200-210H-34 Data Sampling	\$6.75
TN72548	CA-311,12,14s 27Wp 177Wp 2031,2,5	\$6.75
TN72547	Beach C-45D-6-6 Sq/W/Body/Serial AM	\$6.75
TN72548	S82-C-93C-6-120Wp-6107-67Toma Body AM	\$6.75
TN72549	AS-235,210SHD Data/Sampling	\$6.75
TN72550	P-30XCAHT 2.500T/5R 155Wp 200,2.55Spd Roamless	\$6.75
TN72552	P-30XCAHT 2.501T/500T/5R-165Gm 735Spd Sq W/Tadges	\$6.75
TN72554	CAHT 2.50H,ASR,20XAM,79 insp Rq	\$6.75
TN72555	P-104 Lift Commensative	\$6.75
TN72556	P-104 Tornado Lift Commens	\$6.75

717250

TM22566	DO-255V.73 Ala Ulteriora Italiana	97.75
TM22568	F-104 AM Commant	96.75
TM22569	F-104 Tornado Desert Storm Commant	96.75
TM22561	F-104 AM Commant	96.75
TM22562	P-51D Lufthansa FAF, ECAS origin	98.75
TM22564	P-51D IAF, USAF FAF, RAF	98.75
TM22566	Bf 109E, F, G, Bf 110 Data Stencil	98.75
TM22568	F-104 Data Stencil	98.75
TM22571	Tornado IDS-ECR Low Vis	97.50
TM22572	Italian F 104 Old & New Scheme	97.50

TM02031	AMI Sample	\$12.55
---------	------------	---------

TM02002	F104: F95 Salesi Serials/Wall	\$5.50
TM02003	Tornado/T104/F95 Roundels AMI	\$7.50
TM02004	Tornado/T104 Sq/Numerals/Codes AMI	\$7.50
TM02005	Italian Aerobatic Team/F86E (Haw)	\$6.75
TM02006	F104: F86E AMI Serials/Codes	\$5.50
TM02008	BT103: Spit Mk Vb National Insign RA	\$6.75
TM02010	BT103: Spit MkVb: F105 Serials/Insign RA	\$6.75
TM02011	BT103/F115 Luftwaffe Stencils	\$6.75
TM02012	Italian Helicopters Roundels/Codes	\$6.75
TM02013	BT105E Port/Star/Lt Natl Insign WWI	\$6.75
TM02014	Tornado Data Stencils AMI	\$6.75
TM02016	BT105E/F-100D Lt Natl Insign WWI	\$6.75
TM02018	F104/F95 E Serials/Codes AMI	\$5.50
TM02017	BT 100/F105 Lt Natl Insign WWI	\$6.75
TM02018	Me262/F113 Lt Natl Insign WWI	\$6.75
TM02019	F104/Tornado/F-51/F-47/F28 Squadron Insign AMI	\$6.75
TM02020	F86E Italian Aerobatic Team	\$12.50
TM02021	F104/F86E Squadron Insign AMI	\$6.75
TM02022	F86E Data Stencil AMI	\$6.75
TM02023	Ju87/F159 Insign/Codes RA	\$6.75
TM02024	F104 AMI Ambushery	\$6.75
TM02025	BT105E/Mistral Lt Natl Insign WWI	\$6.75
TM02026	Tornado Data Stencil Low Vix Italian	\$7.50
TM02029	Sgt MacKPSR/P51/F47D AMI Roundels	\$5.50
TM02032	Tornado Insign/Codes Low Vix Italian (2 Sheets)	\$9.25
TM02033	F104 AMI Ambushery	\$6.75
TM02036	Me262/F106G Lt Natl Insign WWI	\$6.75

THF411	White Film	83.75
--------	------------	-------

TNF413	Red Film	\$3.75
TNF415	Green Film	\$3.75
TNF429	Steel Film	\$3.75
TNF430	White Shingles	\$3.75

UP48301	500 is MC 146 II WW British Bombs	\$7.95
---------	-----------------------------------	--------

UC48002	1000 to 1200 Mk I WWII British Bombs	\$7.95
UC48003	Hawker Typhoon Underwing Bomb Racks	\$4.95
UC48004	"Erlon 3 Rockets & Mk I Rifle"	\$18.95
UC48005	Hawker Typhoon Control Surfaces	\$11.95
UC48006	Hawker Typhoon 44 gal Drop Tank	\$7.95
UC48009	P-51D Mustang Exhausts (Tamiya)	\$7.95
UC48011	P-51D Mustang Canopy Braces (Tamiya)	\$4.95
UC48012	Hawker Typhoon Covered Exhausts	\$4.95
UC48013	Hawker Typhoon Inside Dust Boots	\$4.95
UC48014	P-51 Mustang Seats - Early Production	\$7.95
UC48015	P-51 Mustang Seats - Mid Prod Plywood	\$7.95
UC48016	P-51 Mustang Seats - Late Prod Tubular Frame	\$7.95
UC48018	Hawker Typhoon Seat	\$7.95
UC48019	Hawker Hurricane Seat	\$7.95
UC48020	Supermarine Spitfire Seats (V6 I - Mk XIV)	\$7.95
UC48021	British Daylighter Seats	\$7.95
UC48022	Bf 109 Seats (Bf109E-F)	\$7.95
UC48026	P-51B/C Mustang Exhausts (Tamiya)	\$7.95
UC48027	"Fw 190 Seats (Fw 190 A, F, G, D)"	\$7.95
UC48028	F4U Corsair Seats	\$7.95
UC48029	F4F Wildcat Seats	\$7.95
UC48030	FEF Helocat Seats	\$7.95
UC48031	RAF/RCAF Mustang I Convertible	\$11.95
UC48032	Ce Haviland Mosquito Seats (Late Harness)	\$7.95
UC48034	Ce Haviland Mosquito Control Surfaces	\$9.95
UC48035	Ce Haviland Mosquito Crew Access Door	\$4.95
UC48036	Supermarine Spitfire Mk I Control Surfaces	\$9.95
UC48039	Supermarine Spitfire Mk VB Control Surfaces	\$9.95
UC48040	Supermarine Spitfire Mk I Exhausts	\$4.95
UC48041	Supermarine Spitfire Mk VB Exhausts	\$4.95
UC48042	Hawker Hurricane Control Surfaces	\$9.95
UC48043	Hawker Hurricane Mk I Exhausts	\$4.95
UC48044	Hurricane Mk I & Spitfire Mk V Exhausts	\$4.95
UC48045	DeHavilland Mosquito Tail Wheel Assembly	\$4.95
UC48046	DeHavilland Mosquito Mud Scuffs	\$4.95
UC48047	Mosquito Flame Dump Shrouds (Tamiya)	\$7.95
UC48048	Mosquito ASH Radar Nose Cone (Tamiya)	\$7.95
UC48049	SECC Helldiver Seats Pilot/Observer	\$7.95
UC48050	BT109 Wire Blade Prop (Hasegawa)	\$7.95
UC48051	TBF/TBM Avenger Seats w/early war harness	\$7.95
UC48052	TBF/TBM Avenger Seats w/standard harness	\$7.95
UC48053	SBD Dauntless Seats w/early war harness	\$7.95
UC48054	SBD Dauntless Seats w/standard harness	\$7.95

US, APO, FPO: To \$100.00 ADD \$5.00 - OVER \$100.00 ADD \$1.00
ALL OTHERS: To \$25.00 ADD \$5.00 - OVER \$25.00 ADD 20%
PAYMENT: DISCOVER, MASTER CARD, VISA.
Checks, Money Orders payable in US funds only to
AAA IMPORTS USA.
Credit Card orders please include card number,
exp date, name and billing address.
NC residents please add 6% sales tax.



Eduard M.A.

The latest selection of new releases in the 'Express Mask' series has been passed directly to us for review.

Canopy & Wheel Hub Masks 1/72nd Scale

XS074 - MiG-29 Fulcrum (Italeri)
XS078 - Republic F-84E/G Thunderjet (Academy)

1/48th Scale

XF070 - Mitsubishi Ki-46-III Kai 'Dinah' (Tamiya)
XF076 - Grumman F7F Tigercat (AMT/Ertl)
XF080 - Hughes AH-64 Apache (Italeri)
1/32nd Scale
XL002 - F-14A Tomcat (Tamiya)

XL003 - F-4 Phantom (Tamiya)
XL005 - Vought F4U Corsair (Revell®)
XL009 - Focke Wulf Fw 190A/F (Hasegawa)

Camouflage & Marking Masks 1/72nd Scale

XS525 - Albatros D.V Tail Outline (Eduard)
1/48th Scale
XF532 - Albatros D.V Tail Outline (Eduard)

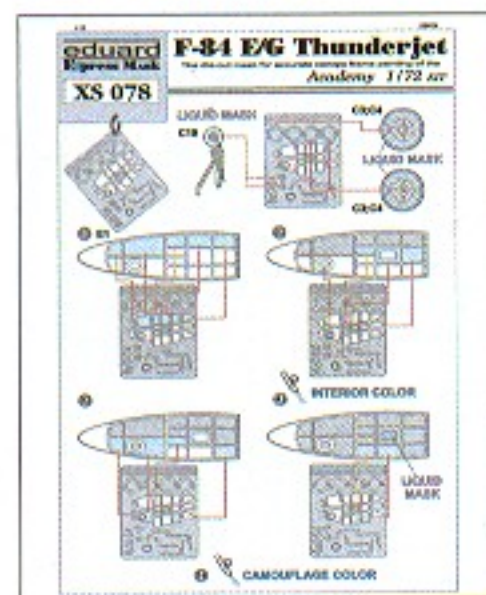
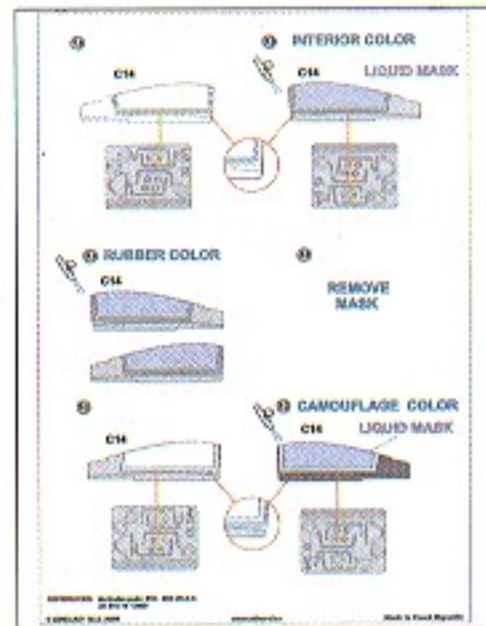
Conclusion

Once again another selection of highly useful masks. It is not until you start using these on a regular basis you realise how much easier they make completing your models; no more trimming masking tape and using masking fluids etc!

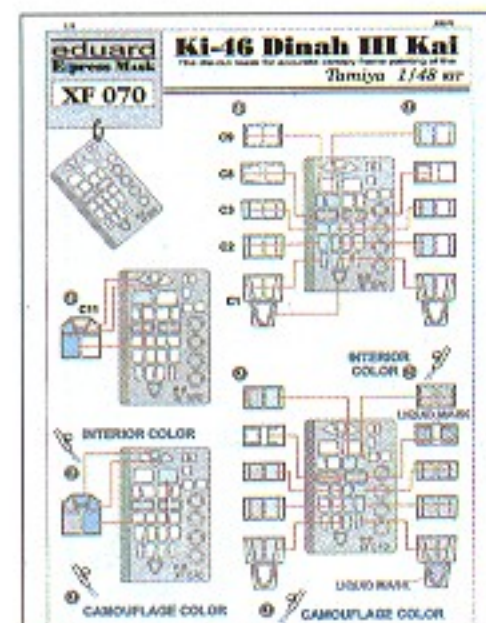
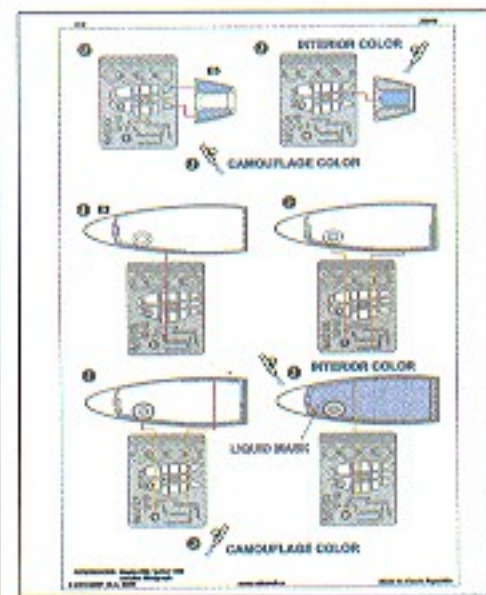
Our thanks to Eduard M.A. for the review samples.



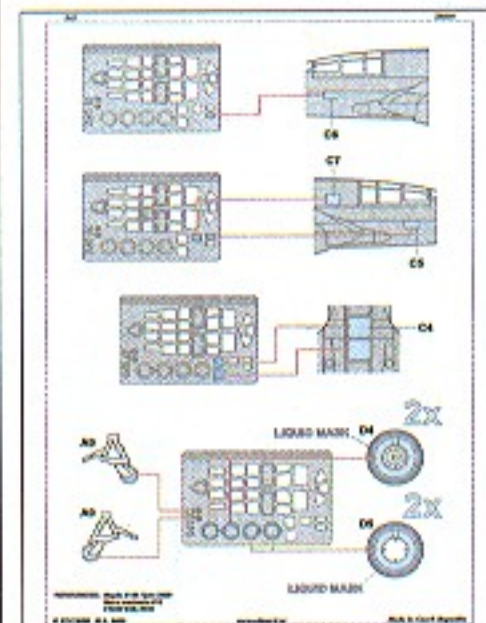
XS074 - MiG-29 Fulcrum (Italeri)



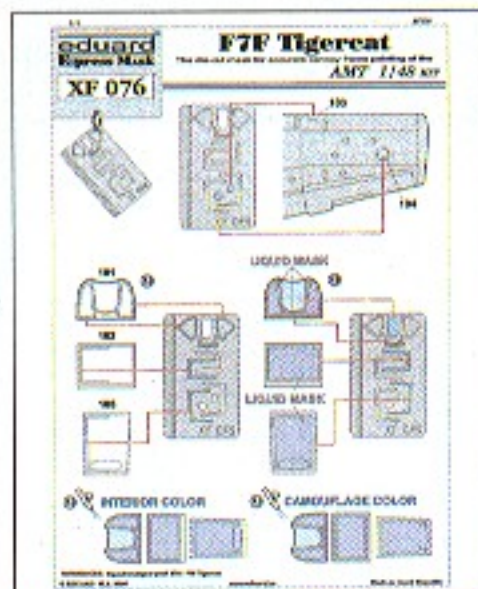
XS078 - Republic F-84E/G Thunderjet (Academy)



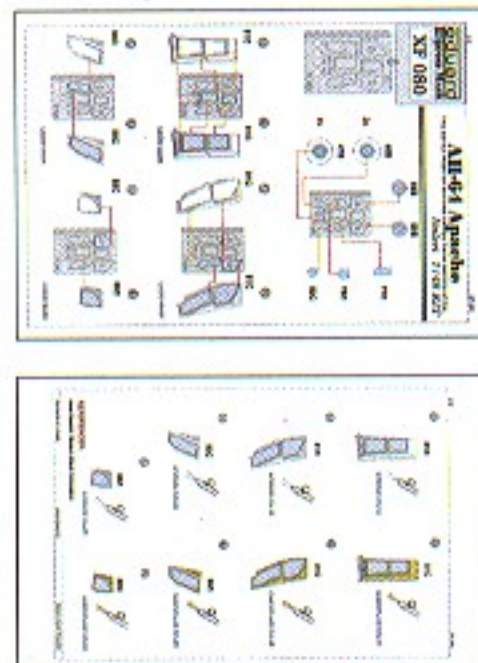
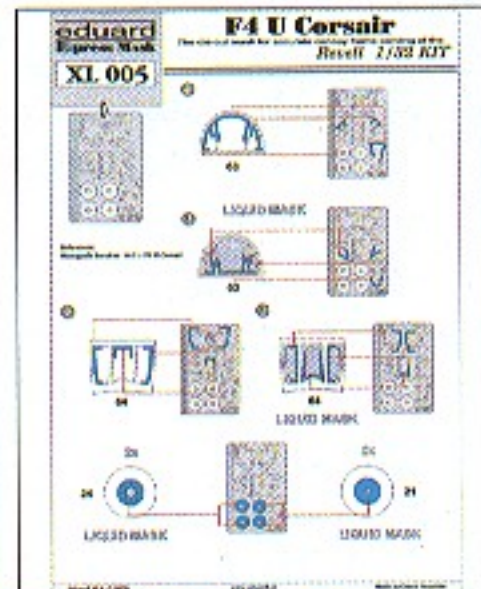
XF070 - Mitsubishi Ki-46-III Kai 'Dinah' (Tamiya)



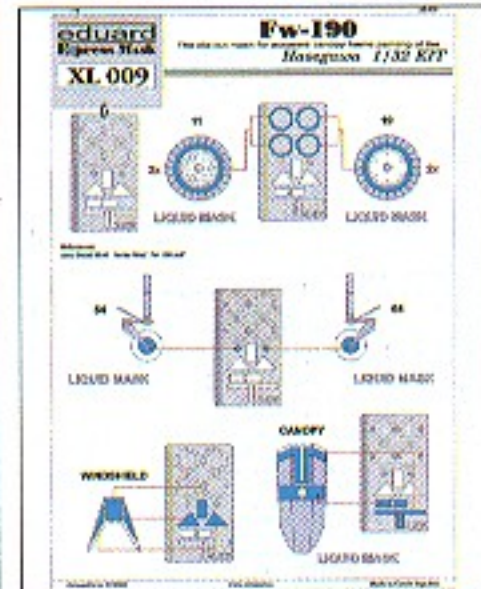
XL005 - Vought F4U Corsair (Revell®)



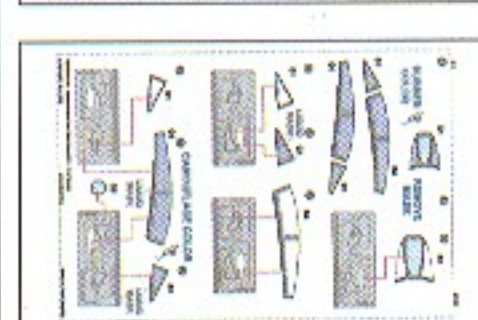
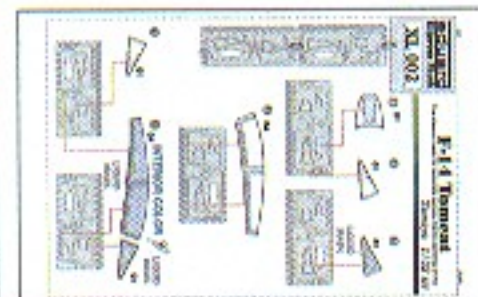
XF076 - Grumman F7F Tigercat (AMT/Ertl)



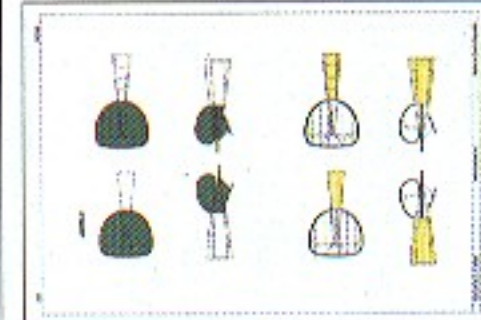
XF080 - Hughes AH-64 Apache (Italeri)



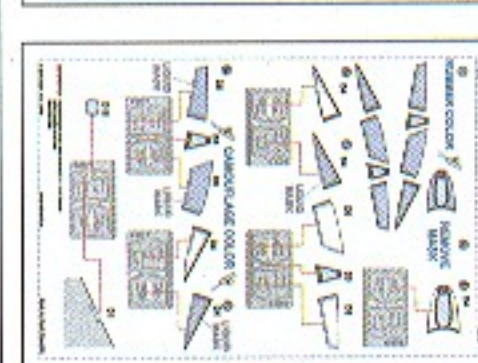
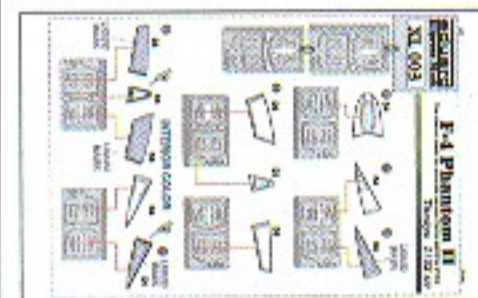
XL009 - Focke Wulf Fw 190A/F (Hasegawa)



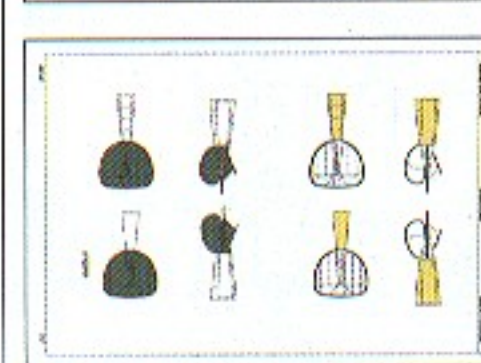
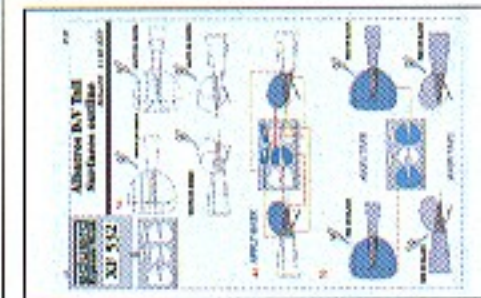
XL002 - F-14A Tomcat (Tamiya)



XS525 - Albatros D.V Tail Outline (Eduard)



XL003 - F-4 Phantom (Tamiya)



XF532 - Albatros D.V Tail Outline (Eduard)

Prices: Please note that all foreign prices quoted within this section are those supplied by the manufacturer and therefore will be subject to conversion, shipping and import tax within the UK.



Eagle Strike Productions

AIRES AMERICA

NOW!

**Full Color
Instructions!**

- 1/48th
48008 • Phantoms Phorever Pt.3 (F-4s)
48009 • Phantoms Phorever Pt.4 (F-4s)
1/32nd
32021 • Cats of the Fleet (F-14's)
32024 • Achtung Stuka!
32025 • Beginning of a Legend (Zero 11-21)

- 1/72nd
72015 • Battle of Britain Emils (Bf-109E)
72030 • Skyraiders of the Fleet Pt. 1
72031 • Checkertails Pt. 1 (Mustangs)
72032 • Phantoms Phorever Pt.3 (F-4's)
72033 • Phantoms Phorever Pt.4 (F-4's)

NEXT MONTH!

BEWARE OF THE BLITZ!



Eagle Strike Productions

IS THE EXCLUSIVE IMPORTER OF AIRES IN AMERICA!
FOR A COMPLIMENTARY LISTING OF THESE AND ALL ESP
AND AIRES PRODUCTS, SEND A S.A.S.E. TO:

2025 S.W. 22nd TERRACE
MIAMI FLORIDA 33145 U.S.A.
PH/FAX (305)285-7219

The AIRES FULLY
ILLUSTRATED CATALOG
is available NOW
for only

\$5.99!

www.eaglestrikeproductions.com



AIRES Hobby Models

Cepirohy 115 • 434 01 MOST 1 • CZECH REPUBLIC
PH/FAX: 42 035 620 6395

Aires Releases December

- 1/48
4087 Hawker Hunter Wheel Bay
4094 F4F-4 Gun Bay
4101 Do 335A Cockpit Set
4102 Lockheed C2 Seats
4106 Do 335A Wheel Bay

Last Release, Still New!
1/48
4098 F-104C/J Starfighter Cockpit set
4099 Merlin Mk. 22 Engine
4100 F-104 Starfighter Exhaust Nozzle
4103 F-104 Starfighter Wheel Bay

1/72
7072 F-4 Phantom Exhaust Nozzle

Aires 4090 Mess.
Bf-110G-4Detail Set

Visit us on the web!

www.eaglestrikeproductions.com

Aires F4003 H.J. Marshall
and G. Horn



Aires F2001 German
WWII Fighter JG 53/1941



Tornado GR1

Big on the Beaufort Scale and big on the display shelf... Revell's 1/32nd Tornado GR1 - ever so slightly converted into a GR1a

by Bill Clark

eduard
PLASTIC KITS

PARAGON

Revell

Love it or hate it, the Tornado has been the backbone of the European air-scene for many years now. It's hard to believe, but 'The Fin' has been around for nearly a quarter of a century and is of course destined to continue well into the 21st Century.

Blooded in the Gulf War, Tornados of all nationalities have also been involved in various conflicts in and around Europe over the last decade or so and have proved critics wrong; it truly is a Multi-Role-Combat-Aircraft, capable of delivering a vast array of weaponry, be it 'Smart' (Guided) or 'Dumb' (unguided). It has been modified into a dedicated Tactical Reconnaissance role (as depicted in my model), used for anti-shipping purposes and heavens above, there was even talk of the Americans using it in the Wild Weasel role (that could be an interesting 'What If!'). The RAF, Italian and Saudi Air Forces of course also use the Tornado as an Air Defence Fighter (although the jury is still out on this one!).

A long time fan of the aircraft, I've probably built most, if not all the kits issued, certainly in 1/72nd scale, so the issue (or partial re-issue) of Revell's monster 1/32nd scale offering, was more than welcomed by this particular modeller!

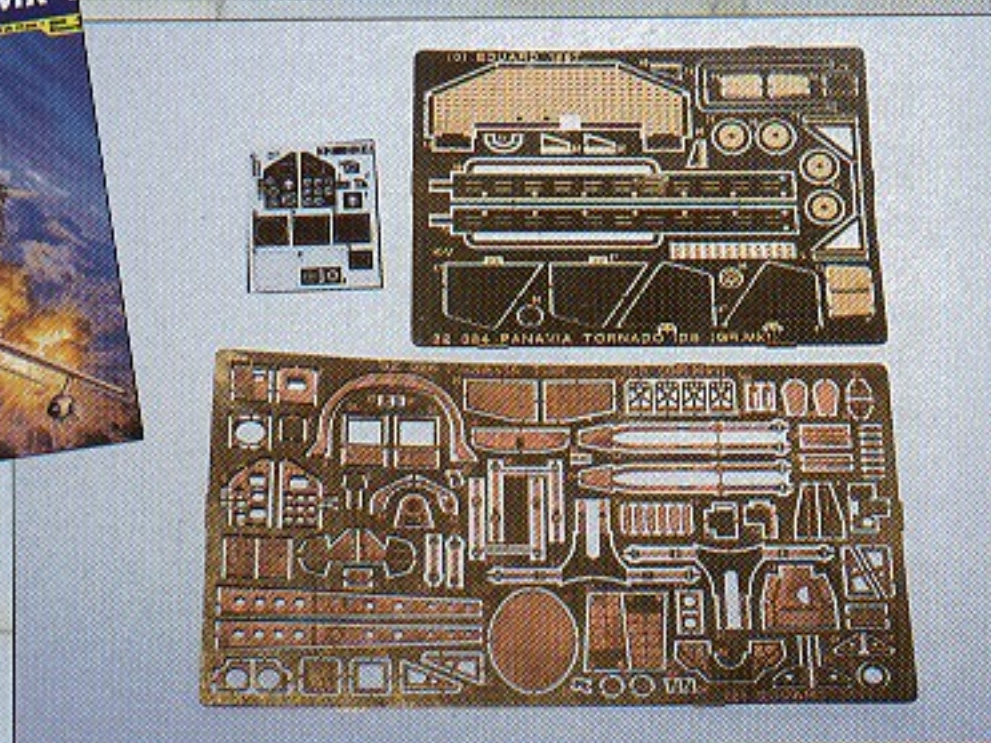


Technical Data

Kit: Panavia Tornado GR Mk 1
Manufacturer: Revell®
Scale: 1/32nd
Kit No.: 4705
Price: £29.99
Panel Lines: Recessed ✓
Status: Revised Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 265 (Grey), Clear 15
Decal Options: 3
UK Distributor: Revell, Binney & Smith (Europe) Ltd.

The Kit

The majority of Revell's kit is new tooling, although certain parts from their earlier rendition are included. The moulding throughout is excellent, although my example had lost the panel engravings on the lower nose; something must have gone wrong with the tooling. As they were where they were (or more accurately weren't where they should have been!) on the underneath, it didn't

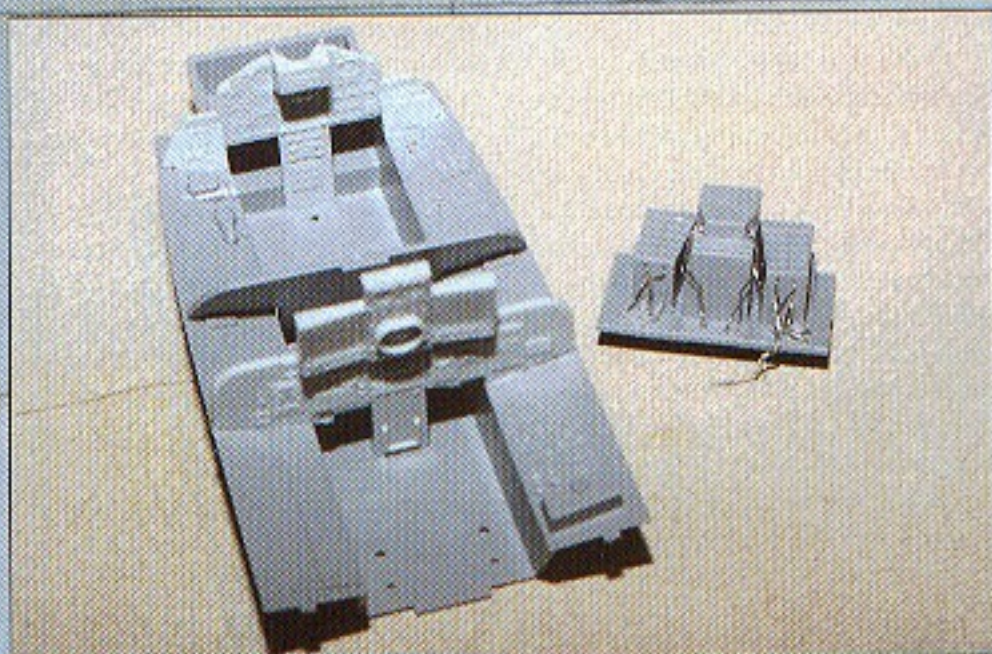


Eduard's brass set. The major ladder components are on the upper sheet

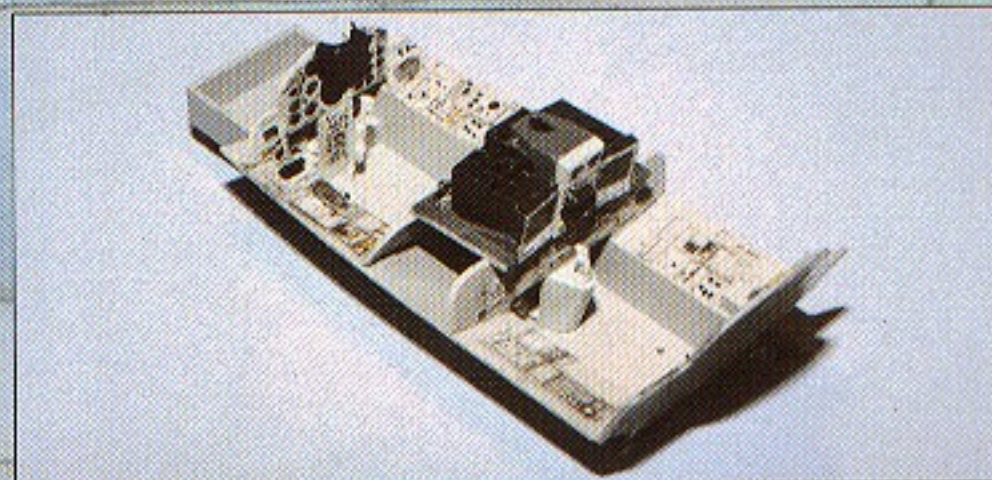
cause me too many problems, as they wouldn't be that noticeable on the finished model, though the more prominent lines were re-scribed.

Additions

Additionally I purchased Eduard's brass set (unfortunately after I had the cockpit and fuselage completed, so I couldn't add too



Fuse wire was added to the navigator's console



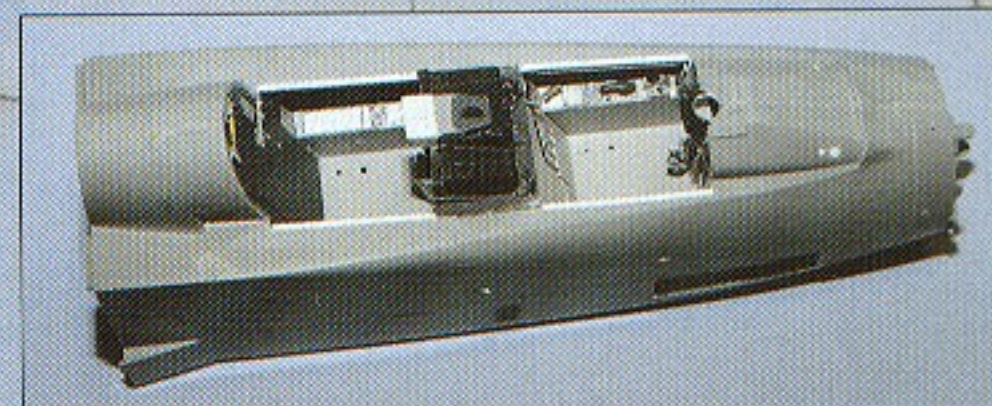
Revel's cockpit tub is exceptionally well moulded



I used photos of the real thing as reference for the equipment bays and camera lenses



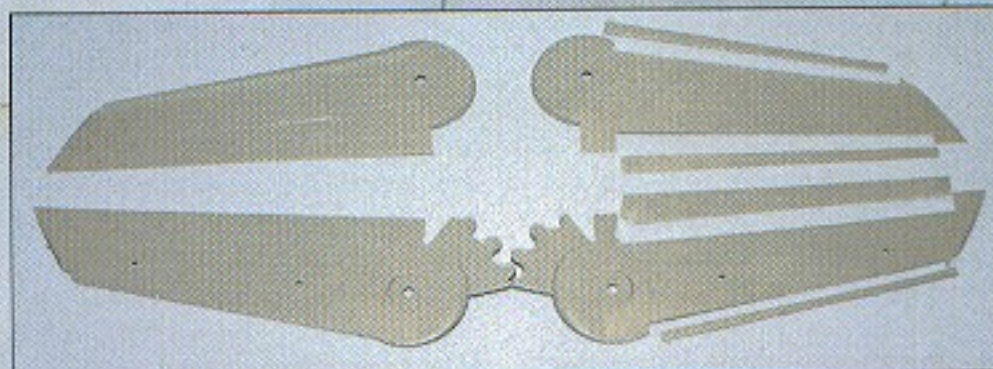
Detailing has commenced on the equipment bay



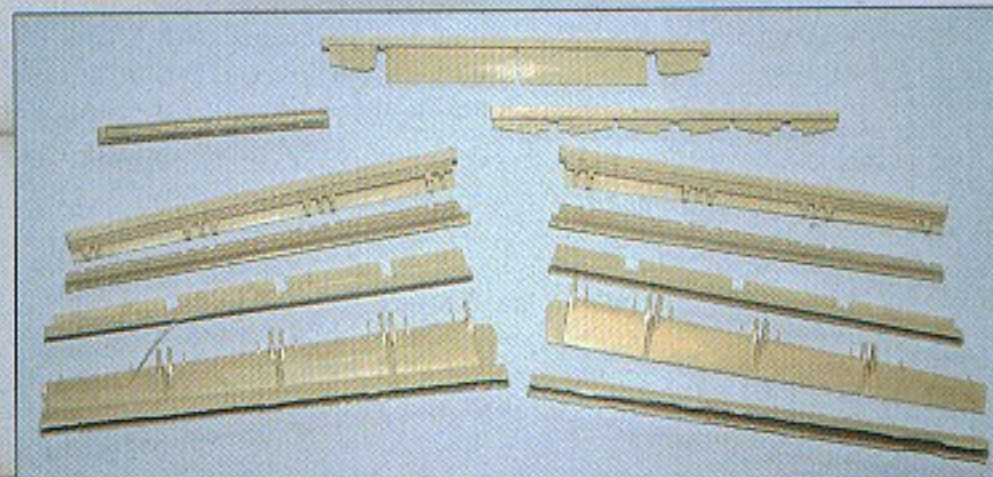
The completed nose section



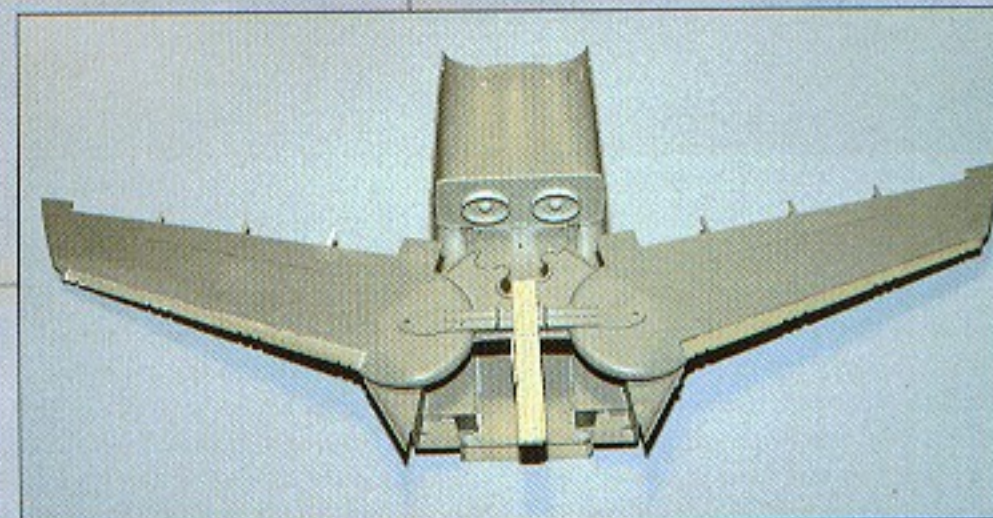
The side-facing lenses were manufactured from foil, tape, Krystal Klear and superglue



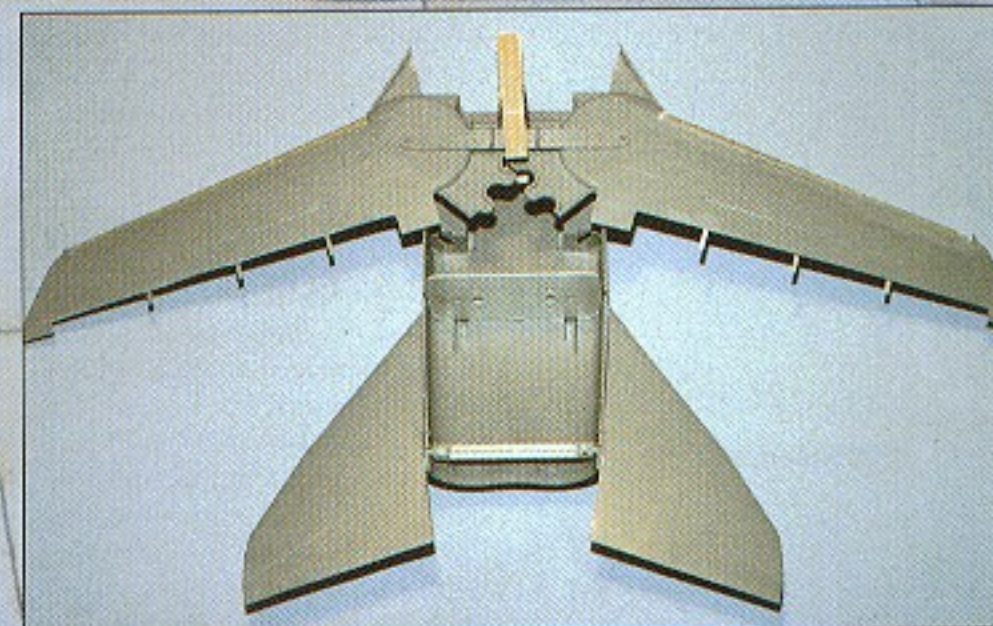
I erroneously managed to remove too much plastic on one of the wings!



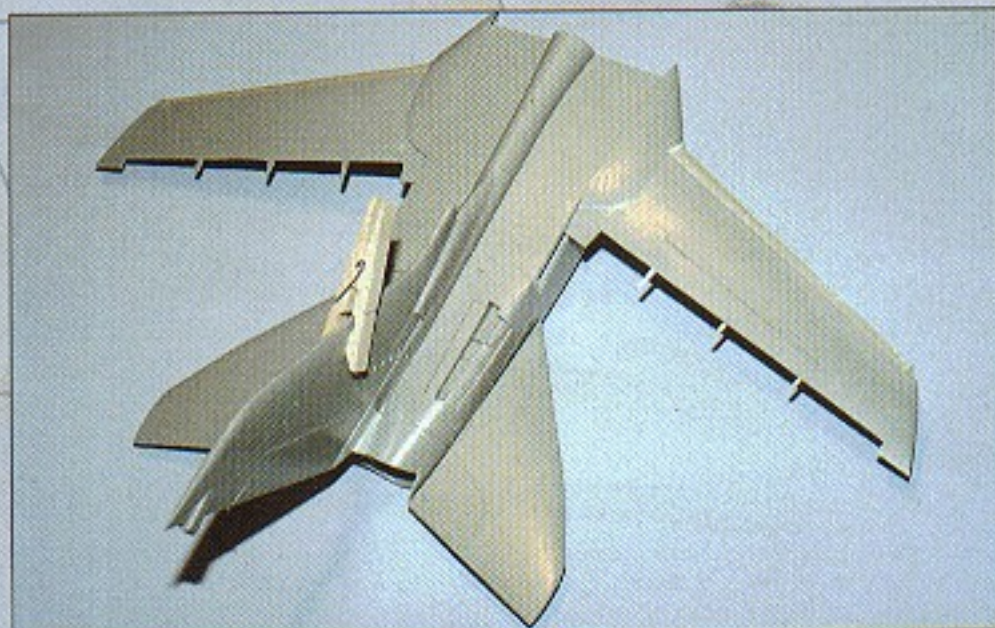
Paragon's resin wing set



...with the wings added



The tailplanes added



The nearly completed rear fuselage

much there), Reheat's pilot & navigator and was lucky enough that Paragon supplied me with their superb resin ejector seats and their slats & flap set (many thanks to Neil Burkill of Paragon). In my opinion Tornados, and particularly those with loads of stores added, need to be displayed with these drooped and deployed. The extra work involved is well worth the effort.

With the big box housing the kit and the accessories taking up all my storage space under the stairs it was time to get the sprues out....

white. The navigator's console had some extra cabling added from thin fuse wire and sprue. I also added some additional plastic card to the upper edges of the canopy sill, as the brass that needed to be added, would need something to sit on. The navigator's instrument panel had Eduard's brass shroud added; all pretty realistic stuff!

● 2. Nose halves

I had decided to convert my GR.1 into a GR.1A, as a 'sub-theme' of mine is PR aircraft. This meant some deletions and



Milliput added to correct the mis-shaped nose area

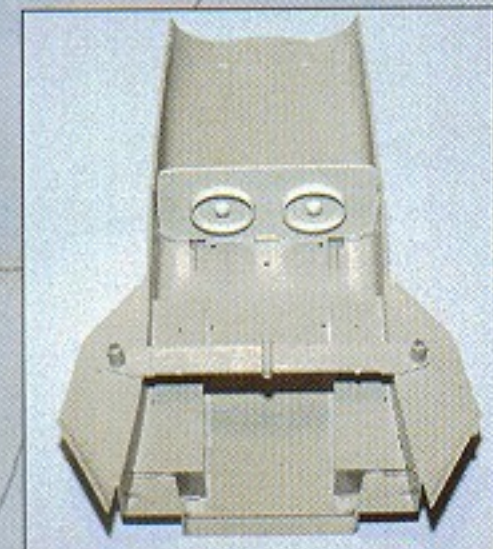
Construction

● 1. Cockpit

As always I started construction with the cockpit. The raised, moulded detail on the instruments is superb and essential in this massive scale. I added a few extra switches and panels from thin sprue and plastic card and a coat of grey paint was applied. Details could then be picked out in black, white and yellow. A thin wash of dirty thinners was applied followed by a light dry-brushing of

additions, the nose cannon ports were filled and I had to add the side-facing camera ports. Using photographs taken at various Airshows over the last few years for reference, I marked the area for the cameras windows and drilled them out, this in turn being cleaned up with fine files. To add some extra interest to this area I also elected to open the prominent equipment bay in the starboard nose and the GPU port in the port nose. Both areas were boxed in and detail added to the equipment bay using plastic card, more stretched sprue and yet more fuse wire.

The camera port's glazing was represented by a section of processed negative film, which I backed with silver foil (simulating the colour and sheen fairly well). I attempted various adhesives but ultimately used sticky tape on the inside to hold both the negative and the foil in place. The 'lenses' were then manufactured from Krystal Klear applied externally and, when dry, Perkins superglue. This was liberally poured into the recess and when dry was sanded down to a smooth glass-like finish and polished up with Duraglit (surprisingly



The rear fuselage lower...

this worked really well).

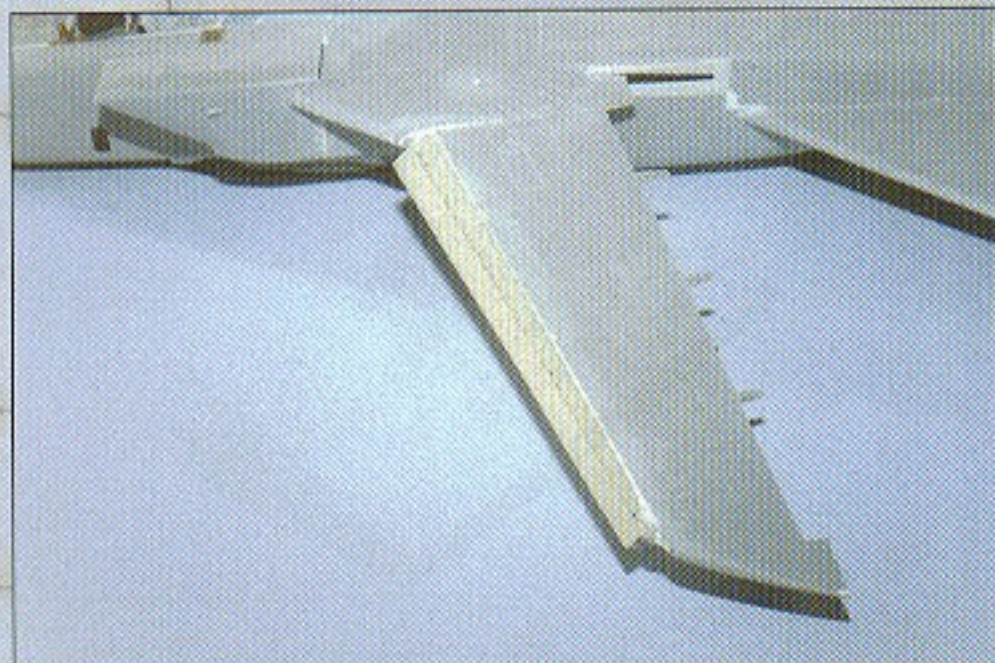
Revell also kindly provide parts for the nose-mounted radar; I admit I was tempted to portray the beast with the radome open, but decided (mainly due to the likelihood of it not remaining on for too long!) against it. The parts used are incredibly well moulded and anyone opting to show this won't be disappointed, especially if Eduard's etched parts are also used. With the radome added it was apparent that the lower area of the nose required a little beefing up and Milliput was added to rectify this.

The completed cockpit was then glued to a fuselage half; this needed a little gentle persuasion but it all fitted eventually. Tape

areas removed; unfortunately I also removed the separating spars on one wing (who didn't read the instructions then?). Lucky enough I could fairly easily replace these with plastic card.

The wing's pylons are designed so they swivel, prototypically! This was of course not an option as the flaps and slats would stop this. The pivot points are supposed to be joined to the wings and held in place by semi-circular discs. I would need to find a way around this later when the underwing stores were dealt with.

Paragon's resin leading edge housing has insets to allow the leading edge slat to be drooped. Unfortunately these didn't quite



I added the slats next, but left the flaps off until nearer the end

held it all in place while the glue dried, although it still 'creaks' a little when moved! The pilot's cockpit coaming features a couple of holes, probably to represent de-misting ducts. I backed these with thin plastic card to avoid any unwanted 'see-through' effect. I attempted to use Eduard's brass HUD but totally destroyed it when attempting to fold the smaller parts and I therefore resorted to the kit's offering.

match up, so Milliput was required to fill these parts before they were re-drilled in the correct position later. The separating flap guide rails were added, as were the inserts on the lower wings. The leading edge and slats were very carefully added and I would wait until 'finals' before adding the flaps.

● 4. Fuselage

The fuselage is split horizontally (pretty



Painting commenced with the radome and anti-glare panel

The remaining nose half was added and the size of the finished model began to become apparent - a lot of shelf space would be required for this one!

● 3. Wings

Tornados, certainly the mud-movers, are often seen with slats and flaps deployed and thankfully Paragon offer such a set. Quite an extensive amount of work is required, but in my opinion the end effect is well worth this extra effort. The kit's wings obviously require the moulded 'offending'

standard for Tornado kits in any scale) and this enables the wings to be captured and swivel. Revell's method of achieving this includes a couple of spar bars that are designed to fit over the wing pivot points. There isn't an awful lot of work required on the fuselage, apart from opening up the various location points for the shoulder pylons, and to blank off the various inlets and outlets.

The tailplanes are also designed to rotate (again a little too gimmicky for me but the mechanism used is quite ingenious as it

allows the units to pivot around the tapered fuselage) if required. I added small sections of tubing to allow the tailplane's pivot points to be added later.

Both wings and strengthening bars were added as were the kit's wing-fold sealing gloves, with a slot to accommodate the wing in its swept back configuration. The upper fuselage half was added as was the nose section so construction was continuing at a pace!

● 5. Fin

A very straightforward job... All that was required here in the way of amendments



Humbrol's Desert Pink was used for the main colour

was the separate Forward Warning Radar (FWR), as the kit's offering represents the units used by Luftwaffe and Italian Tornados. RAF versions seem to be somewhat shorter so these were suitably amended. The kit's ILS aerials were also added, but only after the main painting had commenced.

● 6. Accessories

The exceptionally well-detailed tail pipe units were manufactured and added, along with the radar. Undercarriage units were

bearing part added later.

The previously opened GPU socket and the door for the systems bay was painted and doors were added from plastic card. It was at this stage I decided to tackle the main undercarriage units, and to compound matters further a visit to my local library resulted in Verlinden's 'Lock-on' book being borrowed. This has some exceptional shots of the undercarriage units and so additional brake pipes were added. RBF tags were fashioned from my ever faithful (but dwindling) supply of old PP Aeroparts sets. Manufacturers plates were added from a Reheat set.

● 7. Stores

My GR.1a would represent the Tornado's 'training' configuration, and therefore totes the following stores: 2x 2500 litre 'Hindenburg' tanks (although photographs suggest that No.11(AC) Sqn., seem to have preferred to use the smaller standard 1000 litre tanks - certainly after they had returned from the Gulf, and as depicted in my model - oh well!), a BOZ 107 pod, a Skyshadow pod and a couple of CBLs (Combat/ Bomb/Light Stores) with practice bombs. All of these are provided



The main painting job completed

built up and this took a couple of hours on its own, such is the level of detail provided. One problem that I'd noted previously with built up models was the high attitude of the nose (not very prototypical), it's as if someone's taken the radar (or in the case of an early F.2 the concrete block!) out. Looking at photographs the nose points slightly, but nevertheless significantly, downwards, so the kit nose leg required some work. A section of the oleo was therefore removed and the axle

in the kit, that is apart from the CBLs and these were converted from a couple of the kit's 1000lb bombs using Milliput and plastic card. I had also intended to feature the in-flight refuelling probe (IFR) in the open position, until I lost the probe itself! I had to resort to carefully removing the housing unit already stuck on and replacing it with the closed version. Luckily for me both options are featured in the kit.

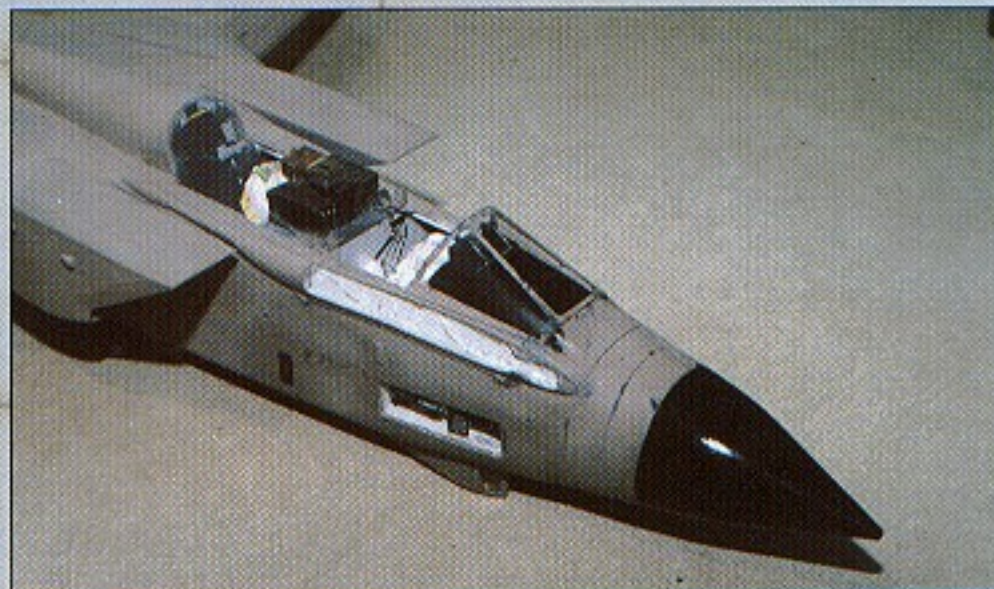


Dark Sea Grey was then added to act as an undercoat

Colour Scheme

The 'Desert Pink' scheme of course lasted on some Tornados for quite some time after the conflict, and it was in this scheme and period that I chose to finish my model. The nose cone was painted a Semi-gloss Black as this contrasts nicely with the matt Desert Pink finish. Various sections of the airframe were painted in the camouflage colours of Dark Green and Dark Sea Grey and when dry, blobs of Maskol applied. The whole model was then given a coat of Humbrol

general handling of the beast 'scuffed' the paint up naturally, and I re-scribed some of the panel lines and applied very thin black paint into them. The whole model was then given a very thin coat of very pale pink (the base colour and white). With this concoction dry I further scuffed up the surface between prominent panels lines by rubbing gently with some fine wire wool. A wash down followed and the same prominent panel lines were treated to a fine misting of Dark Earth. For a simple colour



Masking removed

Desert Pink, and when dry the Maskol removed - exposing rather nicely the chipped paintwork. The Desert Pink took three (or was it four?) sessions to apply. The nose section was tackled first (with the radome and glazing masked off of course), the rear end followed and then the wings and undersurface. This paint is very matt and very thick and requires a lot of thinning. Consequently lots of coats are required to give a good dense colour. One problem with this colour is that it is very dark, probably representative of brand new paint and not the 'bleached' washed-out shade witnessed on the actual aircraft. My

scheme the end result took a lot of getting there - but I loved the 'over the top' result!

Natural metal areas around the tail pipe and fin were portrayed with metal foil, and buffed up, again with wire wool.

Finishing Off

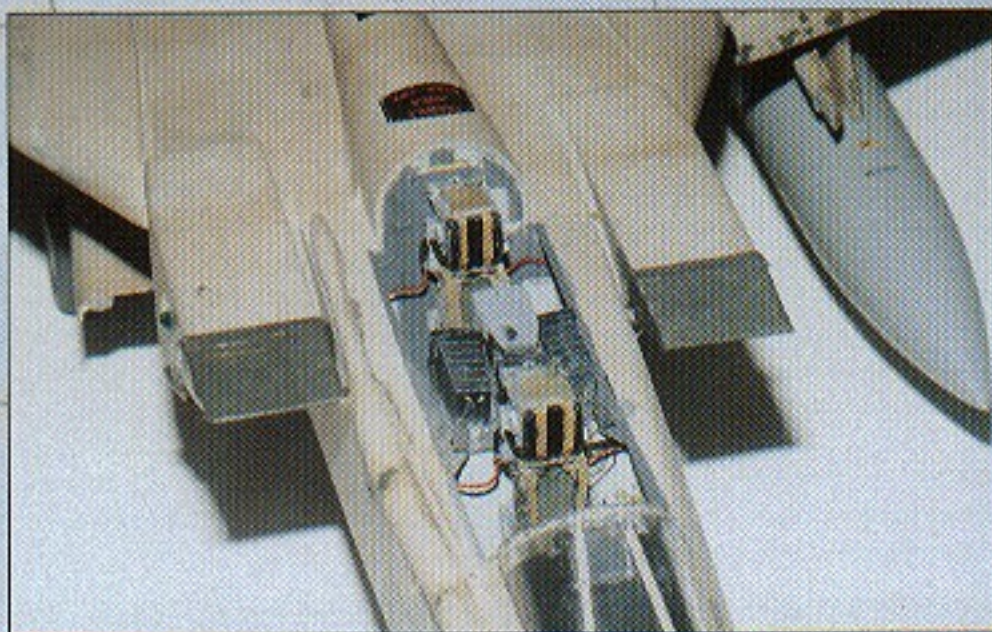
Paragon's seats are stunning (Yes I know that it's an over used adjective, but at times it's difficult to come up with new superlatives!). I sprayed them in a basic shade of grey and when dry applied a dirty wash of black thinners. This highlights the details and delineates the complicated webbing/harness details. These details can



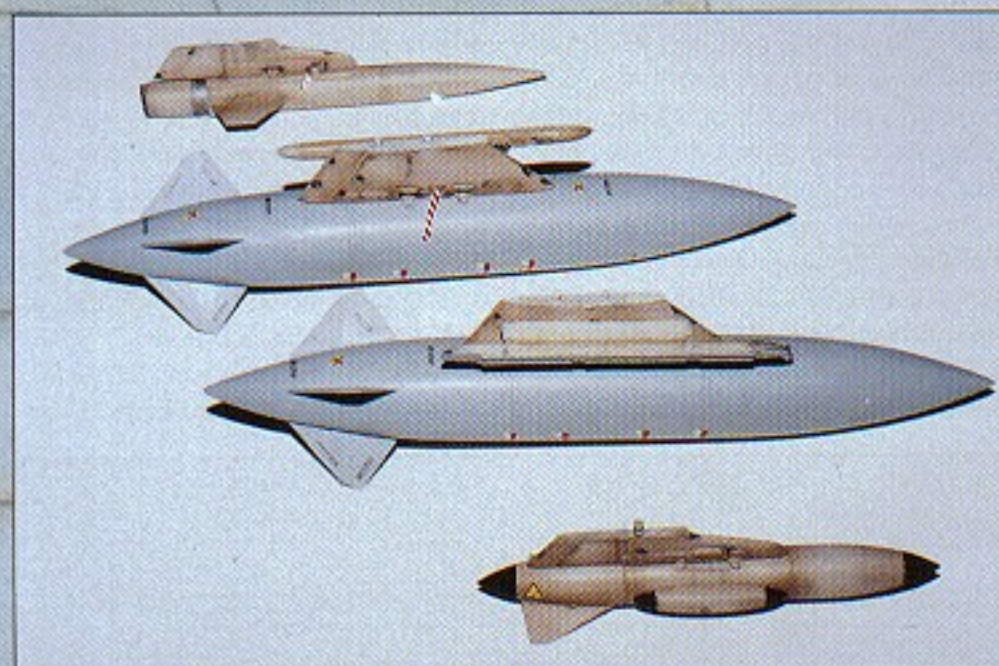
Amendments to the nose leg were required to portray the correct sit



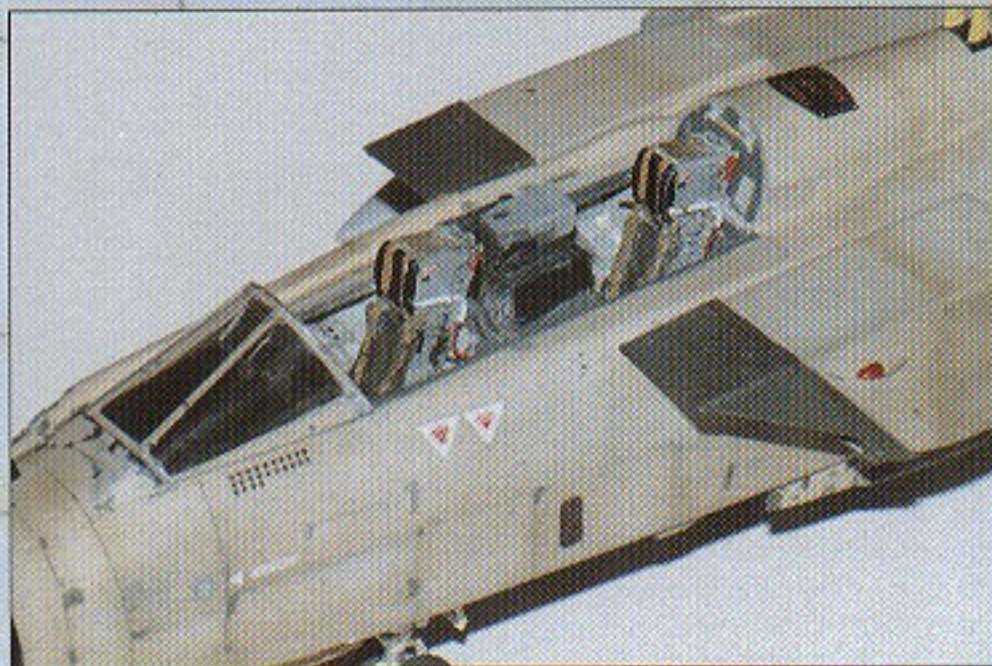
Humbrol 130 (White) was applied to the completed undercarriage units



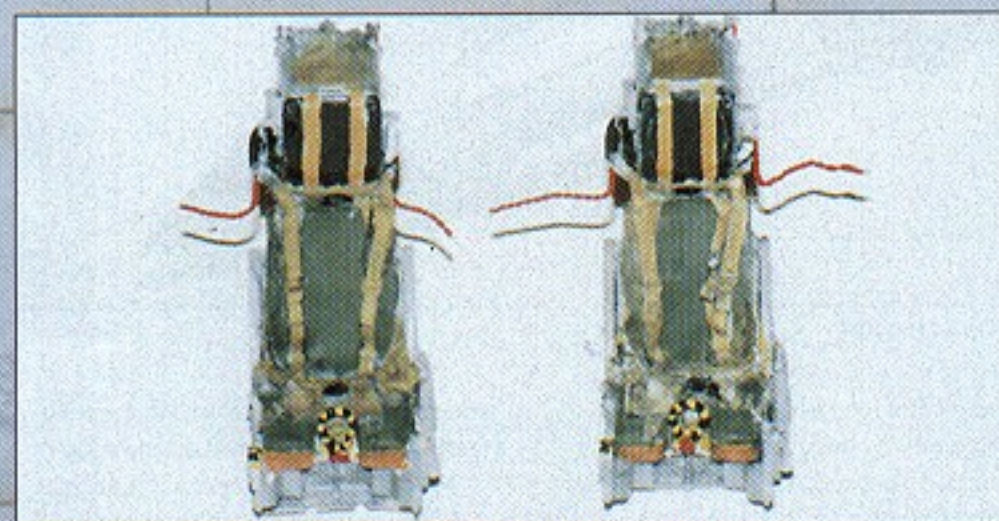
The seats added



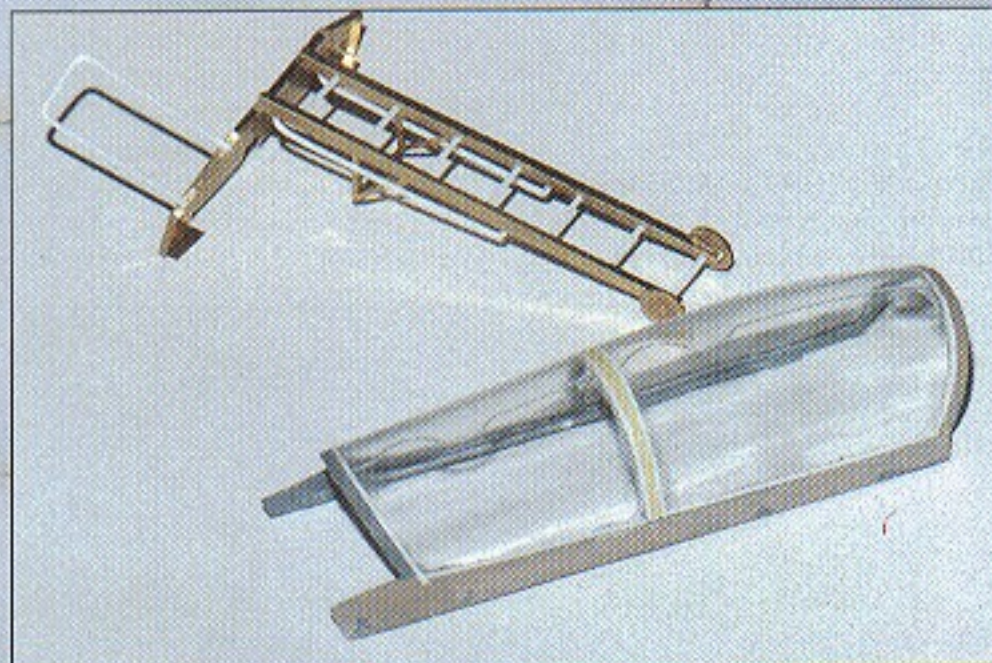
The completed underwing stores



Simple intake covers were fashioned from plastic card and parcel tape



Paragon's superb seats. The 'pigtails' are twisted fuse wire representing the hoses



The canopy and brass ladder



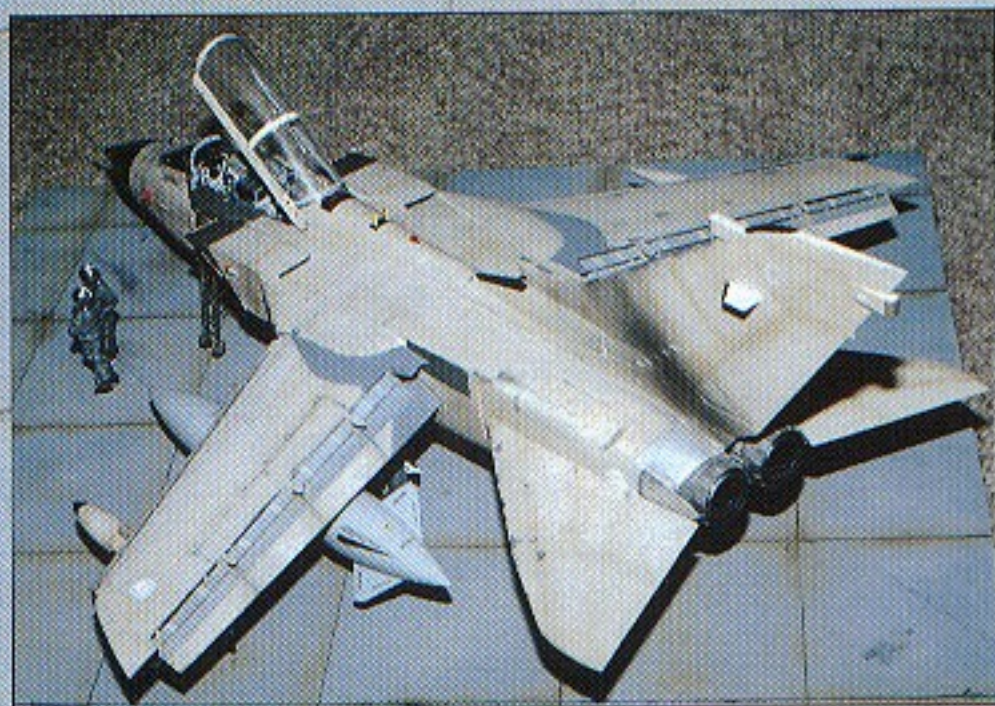
GBLS's were manufactured from the kit's 1000 pounders, plastic card and Milliput



RBF tags added and the units 'scruffed' up



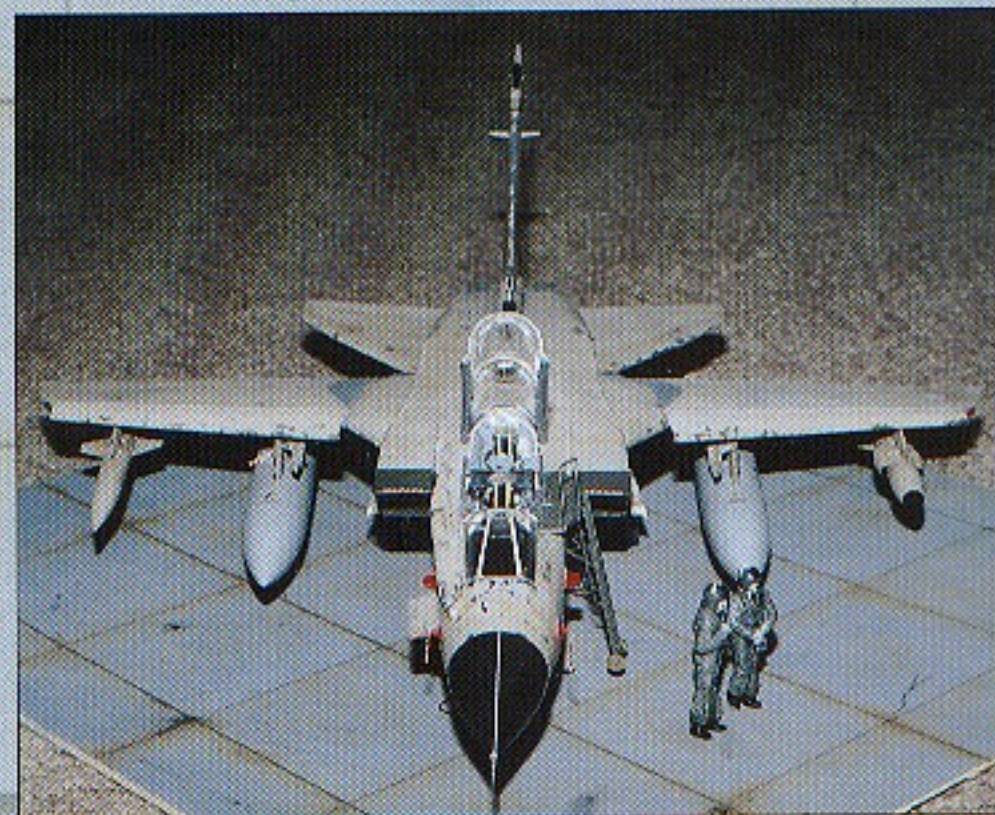
Reheat's crew provide a little interest and scale to the model



The deployed slats add a lot of interest

then be picked off; I used a glossy yellow/orange for the personal survival kit, and shades of matt tan for the harnesses, with black and green for the cushions etc. Oxygen hoses were painted in white (starboard) and black (port). Additional hoses were manufactured from twisted fuse wire and painted dull red. The straps on the

head-rest were painted in a golden tan shade. Buckles were picked out in silver and a very light dry-brushing added. Some Tornado seats featured a small box on the head box, which was the adaptor (I assume) for the Night Vision Goggles; these were first introduced during the Gulf War and photos of ZA371 (my chosen subject) confirmed



their presence. These were fashioned from plastic card.

Extra detail was added to the canopy from fuse wire, rod and plastic card to represent the de-misting gear and latches. Eduard's mirrors looked a little too bulky, so were replaced with plastic rod and card. The glazing was masked and an undercoat of Dark Sea Grey applied. With this dry the Desert Pink followed. Sealant strips were represented by decal strips.

Decalling

One of the advantages of portraying the Desert scheme is the lack of stencilling. As much use as possible was made of the kit's decals, particularly on the underwing stores. Photographic evidence confirmed the smaller code letter used on this particular aircraft, so I could justifiably use the individual letter 'C' from a 1/48th scale Tornado sheet. The 24 'mission' markings came from the same Almark sheet.

Finals

For display purposes I added a crew access ladder (Eduard) and the pilot and navigator from the Reheat set. I'm no figure modeller but thoroughly enjoyed painting them as it adds some interest and

scale to the model. The base was simply a section of 4mm Medium Density Fibre (MDF) board, trimmed and sprayed a tarmac sort of colour with pencilled in paving lines.

Summary

A superb kit at a very affordable and reasonable price. It took me well over a year to complete it, a record for me (don't worry; I did have a few other projects on the go at the same time!). The level of detail in the stores is exquisite, it's a shame about the lower nose area though. The finished model captures the sit of the Tornado exceptionally well with the revision to the nose leg, but does require a hell of a lot of space to display it!

Extremely highly recommended to all modellers with plenty of space to display it. The cost involved in the basic kit represents excellent value for money, and this makes the additional resin and brass parts affordable (I'd recommend the flaps and slats, if budget permits, but would definitely say that Paragon's seats are a MUST).

Bring on the F3!

A big word of thanks to Paragon Designs for supplying the seats and the flap/slat set, and to Revell® for updating their original kit and doing it so exceptionally well. With the Hunter recently released it's good that we RAF modellers are being accommodated in this massive scale. Hopefully Revell will shortly treat us to a Lightning, and is it too much to expect that their ancient Harrier GR.1/AV-8A be treated in a similar way. I could get seriously hooked on this scale...!

Bill Clark



Accessories

Eduard

- 1. 32-034: Tornado IDS [GR Mk 1] (£8.15)

Paragon Designs

- 1. 32025: Tornado Flaps, Slats & Wing Seals (£24.99)
- 2. 32028: Martin Baker Mk 10 Ejection Seats (£11.99)
- 3. 32038: Tornado Platform Access Ladder (£5.99)

Reheat

- 1. RH016: RAF Tornado Pilots (£9.95)
- Prices correct at time of going to press

Polikarpov I-16 Type 18 'Rata'

**Hobbycraft
Logo????**



I cannot tell a lie! In my 40+ years of modelling, I have never built a model of a Russian aircraft, that is, up until this time. In our IPMS/USA club, the Twin City Aero Historians, a Russian SIG has come into being as have several others in recent times. Seeing several models of Russian aircraft got me

thinking about doing one, so after a lot of thought and going through kits at the hobby shop, I decided to have a go at the Hobbycraft

1/48th scale I-16 Type 18. I

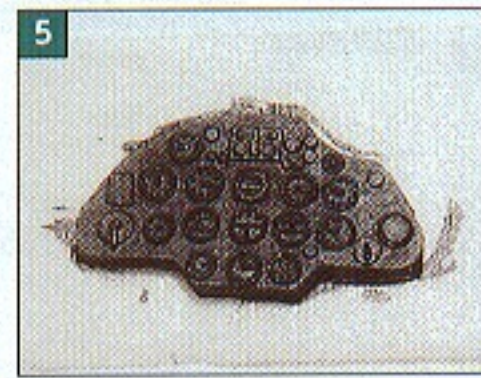
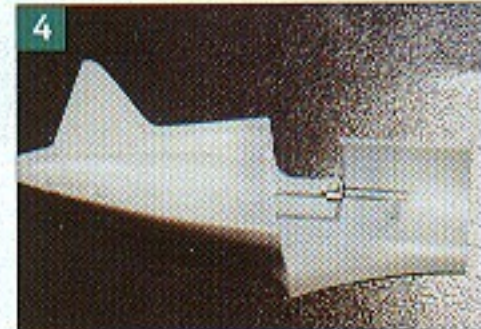
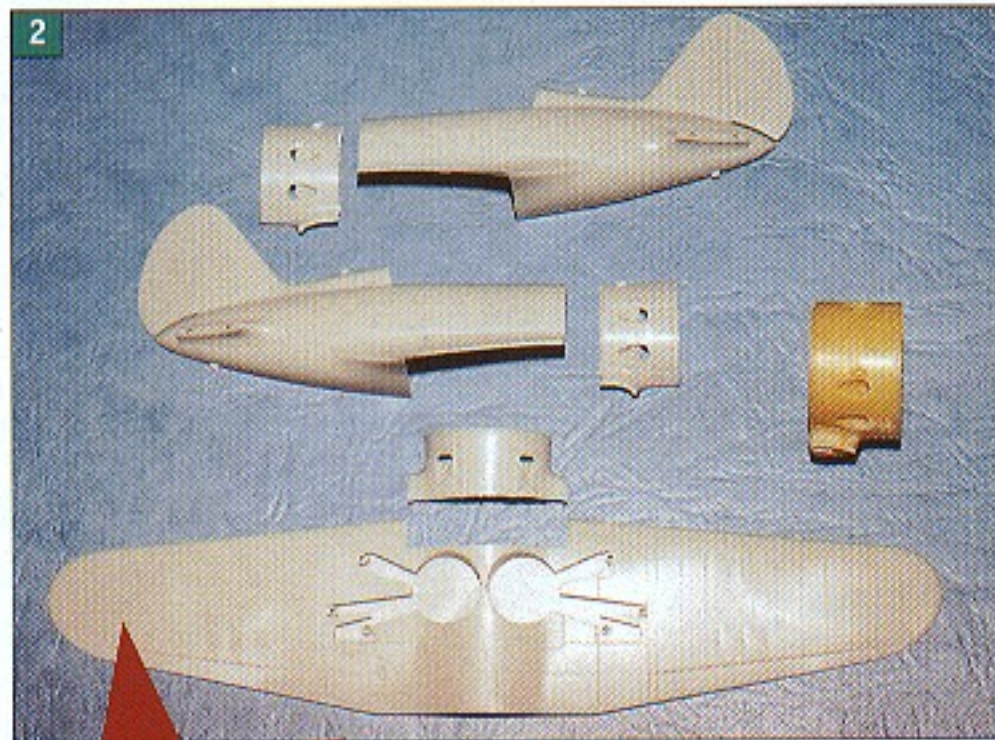
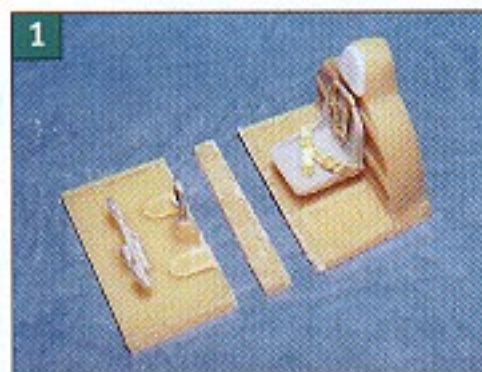
don't know why I chose the Type 18 over other marks, but that is what I bought. A fellow modeller in our club provided me

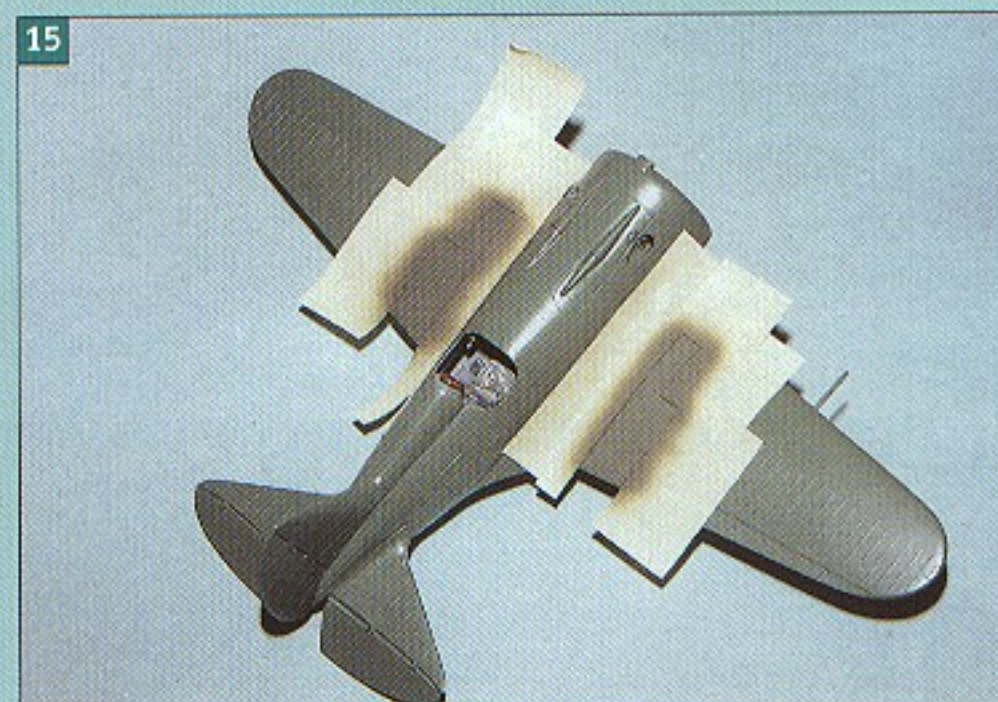
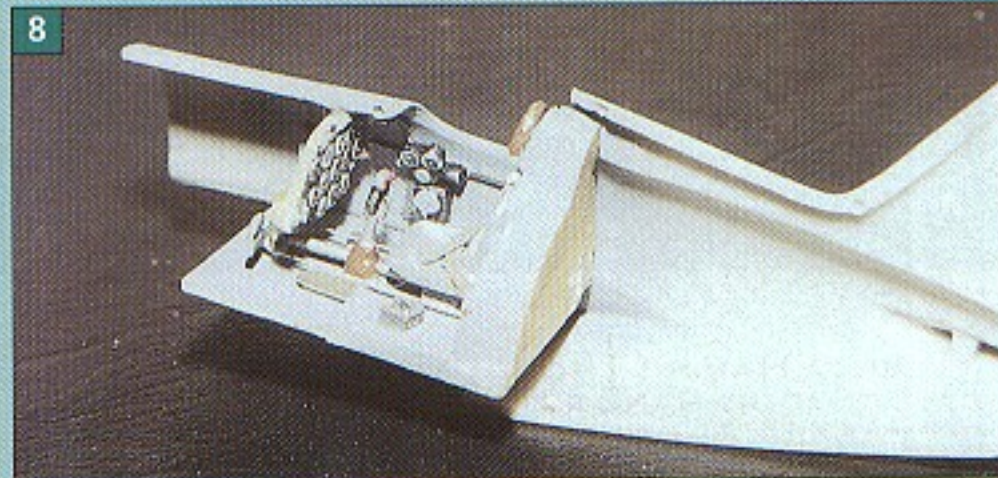
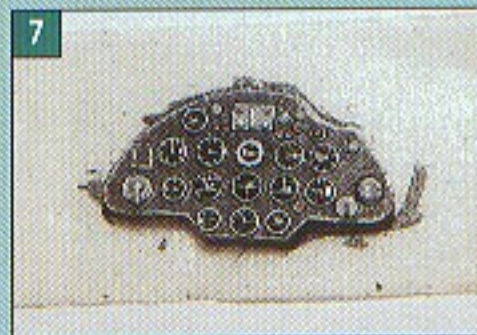
with Medallion Models photo-etched and resin detail set for the I-16 and a correspondence with another fellow modeler in our club provided some first hand information on various details and colours from his trips to Russian museums. Armed with all that, I embarked on the journey.

The Hobbycraft I-16 is a good kit although some changes have to be made to accommodate accuracy. Photo 1 shows the Medallion interior consisting of the floor, backrest, rudder pedals and stick. I used the kit seat because it appeared more accurate and made the headrest from sheet plastic. Reheat's seat belts and shoulder straps gave the seat a good look and I added various bits and pieces to the control stick to enhance it. The kit-supplied stick is totally inaccurate. The photo also shows a saw cut that had to be made to ensure that the instrument panel

would not be buried too far forward in the fuselage. With that piece removed, everything fitted nicely. I decided to replace the cowl area with Medallion's resin piece and photo 2 indicates what had to be removed to accommodate the insert. The small resin piece was cemented in place and it seems to be two instruments atop a 'black box'. It could be the oxygen regulator. With only minimal resource information at hand, I have to admit that I'm only guessing, however, the instructions stated it should be glued there and I followed the instructions! Photo 3 shows the internal ribbing I had to install as well as the lower shims to raise up the flooring to the proper height. I scratch-built some items and in this case, photo 4 shows the throttle quadrant and control linkage which I made. Apparently, the interior of the I-16 wasn't too busy as some WWII fighters were, but I found that the

completed cockpit looked convincing enough for my tastes. The resin instrument panel (Photos 5, 6 & 7) is well done and the photos show just how good it can be with, first a coat of black, then very carefully dry brushing it with white water-based paint to 'pop out' all the detail and finally adding clear gloss to the instrument faces to simulate glass. Various other detail was gently painted with red and grey water-based paint. The completed cockpit is seen in photo 8 and with everything buttoned up, looked great. I had to remove the moulded intakes on the kit cowl front and photo 9 shows the modifications made from scratch-building intakes of the correct configuration. The top intake was made from a thin slice of plastic tube and squeezing it a little provided the oval shape called for in the drawings and photos I had. The bottom Tee-shaped intake was made from thin





U.S.A. SENTAI DISTRIBUTORS
STEVENS INT'L
HOBBYTIME DISTRIBUTORS
MILITARY MODEL DISTRIBUTORS
ARGOSY DISTRIBUTORS
DOUGLAS MODEL DISTRIBUTORS
LEGACY DISTRIBUTORS (VLS)
PAN AMERICAN INT'L
BEAVER CORPORATION

AUSTRALIA
ITALY
FRANCE
U.K.
NETHERLANDS
CANADA
GERMANY
SWITZERLAND

J.B. DISTRIBUTORS
MISTERKIT
COCKTAIL JOUETS
HANNANTS
MODEL ENGINEERING
CANADIAN MODEL CRAFT
HOBBYCRAFT CANADA
AEROMODEL
EDUARD
WARBIRDS DISTRIBUTION

TAIWAN
HONG KONG
HUNGARY

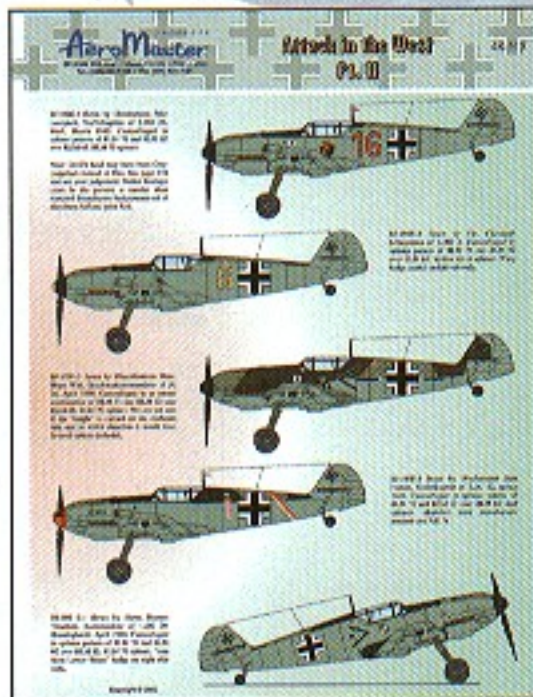
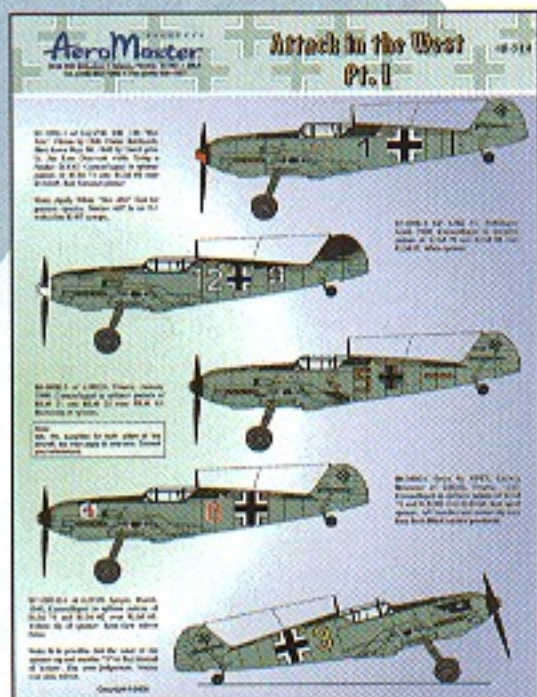
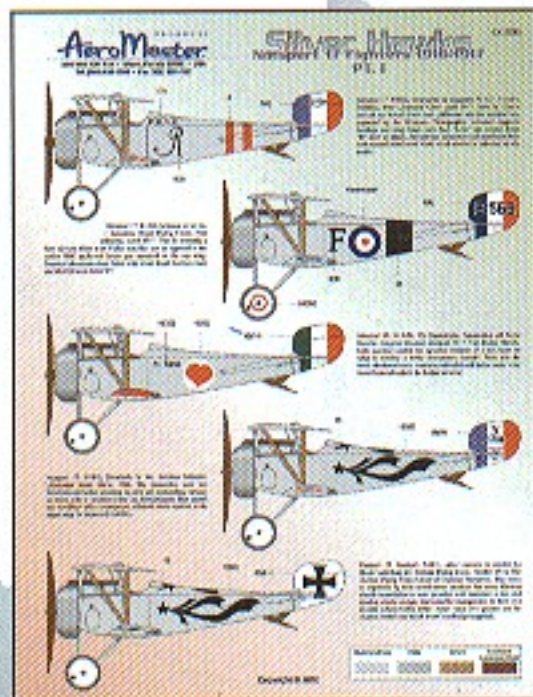
GOOD LIFE
BOLTAI
FALCON SUPPLIES
FORMATEX

AEROMASTER WANTS TO MAKE
DISTRIBUTOR CHANNELS DO NOT
PROGRAM DESIGNED SPECIFICALLY
WILL GET OUR PRODUCTS TO YOU!
BUSINESSES OUT OF REACH OF O
YOUR NAME, ADDRESS, AND FAX TO

MODELLERS! HAVING TROUBLE GETTING YOUR HANDS ON AEROMASTER PRODUCTS?

NO PROBLEM! AEROMASTER
WILL SHIP DIRECTLY TO YOU!
AS ALWAYS THOUGH, WE
ENCOURAGE YOU TO CHECK
WITH YOUR LOCAL HOBBY
SUPPLIERS. THEY DESERVE
YOUR SUPPORT!

ALSO, BY
POPULAR DEMAND!
AEROMASTER DECAL CATALOG IN
COLOR
SECTION 1 AND 2
AVAILABLE NOW!



48-514 ATTACK IN THE WEST PT. I

A/C 1 - BF-109E-1 of 5./JGTR. GR. 186 "Der Alte". Flown by Oblt. Dieter Robitzsch. Shot down May 10, 1940 by Dutch pilot Lt. Jan Law Overvest while flying a Fokker D.XXI!
A/C 2 - BF-109E-1 OF 4./JG 51, Bodelingen, April, 1940.
A/C 3 - BF-109E-3 of 6./JG26, France, January 1940.
A/C 4 - BF-109E-1 flown by UFFZ. Ludwig Beimeier of 2/JG52, France, 1940.
A/C 5 - BF-109E-1 of 6./JG52 Speyer, March, 1940.

48-504 SILVER HAWKS PT. I

A/C 1 - Nieuport 17. N2779, believed to be Escadrille N. 112.
A/C 2 - Nieuport 17. B1569, believed to be No. 1 Squadron.
A/C 3 - Nieuport 17. NL3656, 77a Squadriglia.
A/C 4 - Nieuport 17. N1831, Escadrille N. 86.
A/C 5 - Nieuport 17. Formerly N1831.

48-505 FALCONS OF THE RED

A/C 1 - Yak-1b, flown by the Sqdn. Commander of the Sverd Group, Senior Lt. P.M. Chuvalev, August 1943.
A/C 2 - Yak-9U S/N 42166097, White 29. Flown by Lt. N.P. Kizim, Second Air Sqdn., Yambol Airfield, Bulgaria, 1945-46.
A/C 3 - Yak 1-b S/N 8146, flown by Deputy Regimental Commander, Lt. Colonel Ya.N. Kulikhin, 1942-September 1944.
A/C 4 - Yak-1M, flown by Hero of the USSR, 2nd Sqdn. Deputy Commander Senior Lt. A.A. Shokarov, Chersochovo Airfield, Poland 1944.
A/C 5 - Yak-7b, S/N 4415332, flown by Deputy Regimental Commander, Major A.V. Chirkov, May 1943.

48-510 Pacific Lightnings Pt. II

A/C 1 - P-38J, "WINDY CITY RUTHIE", flown by Ken Ladd.
A/C 2 - P-38J-10, 42-67590 "JANDINA II", 80th FS, flown by Capt. Jay Robbins.
A/C 3 - P-38L-5, 44-25638, "MADU V", 431st FS, flown by Capt. Louis DuMontier, April 1945.

AEROMASTER
3615 NW 20TH AVE.
MIAMI, FL 33142,
USA

• Printed by the best
printers in the U.S.A.,
Italy, and Mexico.

• High Quality
Production.

• The BEST Value for
your money!

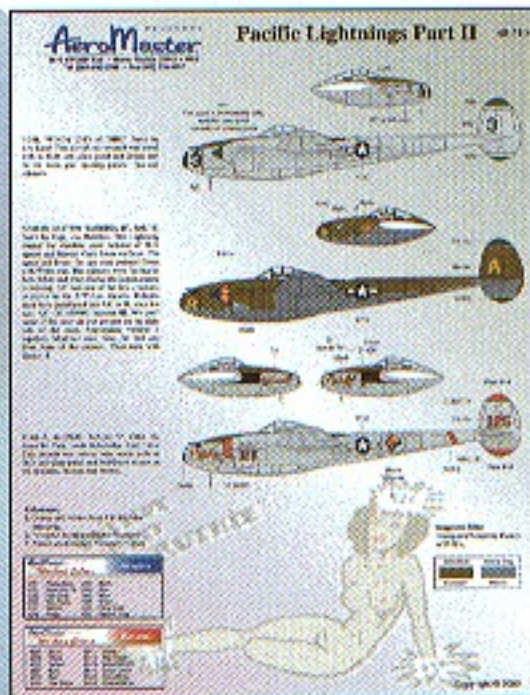
www.Aeromaster.com

N SHOPKEEPERS
RLDWIDE!

WE ITS PRODUCTS AVAILABLE WHERE OUR
OT REACH. WE HAVE A NEW AND EXCITING
Y FOR YOU! NO MATTER WHERE YOU ARE, WE
U! THIS PACKAGE WILL BE OFFERED TO THOSE
OUR DISTRIBUTORS. CONTACT US NOW WITH
TO GET YOUR DEALER PACKAGE TODAY!

PRODUCTS
AeroMaster

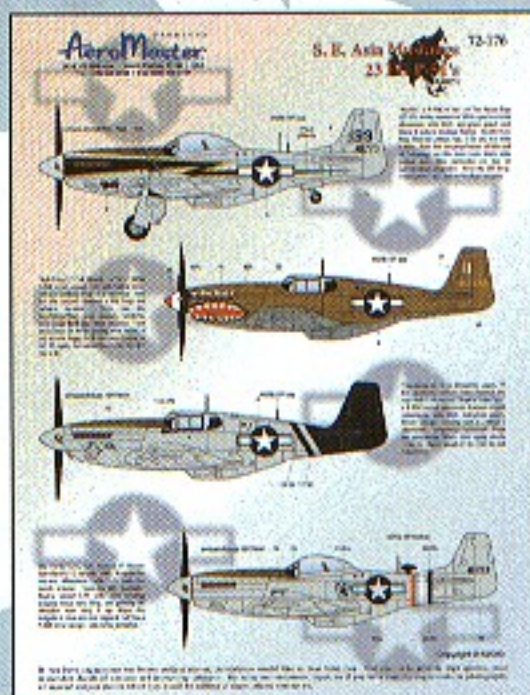
NEW RELEASES



BF-109 K-4/ JG3,
PASSEWALK, MARCH
1944. FLOWN BY FW.
STREBEL. DECALS
FROM SET 48-097 AND
COLORS, OF COURSE,
WARBIRD COLORS.
MODEL BY G.B.

JOIN THE AEROMASTER
NEWSLETTER!
KEEP ABREAST OF THE
LATEST NEWS FROM AMD
AS WELL AS INDUSTRY
GOSSIP. ARTICLES BY
TERRENCE MARRIOT AND
OTHERS.

U.S. \$7.00
OVERSEAS \$13.00



72-176 S.E. ASIA MUSTANGS

A/C 1 - "Barfly," a P-51K of the 118 Tac Recon Sq (23 FG) in the summer of 1944.
A/C 2 - "Bull Frog I," Col. David L. ("Tex") Hill's P-51B.
A/C 3 - The mount of 1st Lt. Donald S. Lopez, 75 FS operations officer (who finished the war with 5 victories). "Lopez's Hope 3rd," a P-51C (serial unknown).
A/C 4 - The 23FG C.O., Col. Edward F. Rector, flew this P-51D in early 1945.

48-515 ATTACK IN THE WEST PT. II

A/C 1 - BF-109E-1 flown by Oberleutnant Fritz Losigkeit, Staffelführer of 2/JG 26, Werl, March 1940.
A/C 2 - BF-109E-4 flown by Fw. Christoph Schumann of 3/JG 3.
A/C 3 - BF-109E-3 flown by Oberleutnant Hans-Hugo Witt, Geschwaderkommodore of JG 26, April 1940.
A/C 4 - BF-109E-1 flown by Oberleutnant Gert Frann, Staffelführer of 2/JG 27, spring 1940.
A/C 5 - BF-109 E-1 flown by Hptm. Hannes Trautloft, Kommandeur of 1/JG 20, Bonnainghardt, April 1940.

72-178 PHANCY PHANTOMS PT. I available in 1/48th scale (48-516)

F-4B Phantom BuNo. 150628, Air Wing 17's CAG aboard VF-11 Red Rippers aboard USS Forrestal (CVA-59) November of 1968.
F-4J Phantom BuNo. 155854, Assigned to VF-103 and also by Commander Carrier Air Wing Three aboard USS Sagitt (CVA-60) in 1978.
F-4N Phantom BuNo. 150442, Bicentennial bird flown by Commander of Reserve Carrier Air Wing 30, Aircraft VF-302 based at NAS Miramar in March 1976.

48-511 ANYTIME BABE! PT. IV

A/C 1 - F-14B, #101 of VF-103 'Jolly Rogers'.
A/C 2 - Another F-14B of VF-103.
A/C 3 - F-14A of VF-103 Black Knights.

48-502 PHANCY PHANTOMS PT. II

A/C 1 - F-4J S/N 155580, VF-96.
A/C 2 - F-4J, S/N 15384, VF-92.

TELEPHONE:
001 305 633-7398
FACSIMILE:
001 305 638-4197

Master.COM

• Thoroughly
Researched.

• Historically
Accurate!

• State-of -the-Art
Technology Helps to
Eliminate Silvering.

plastic sheeting, cut to size and glued in place. The engine supplied in the kit is very nice and normally, I would have added as much detail as I could, but given

the fact that it is almost hidden from view when installed, I opted to just coat it black and highlight the cylinders with a drybrushing of silver. There is no need to paint the crankcase as the spinner would cover that as would the cowl front when installed (photo 10). Photo eleven shows the resin cowl grafted to the fuselage/wing assembly. From my references, each mark of the I-16 had different exhaust port configurations, depending on which engine was used in what particular mark and I was able to determine from photos that the Type 18 had three exhaust ports per side with the top two having single exhaust pipes and the

Suffice to say that AeroMaster enamels were the paints of choice, using their Russian Top Side Green and #9874 Ltd. Blue. This done (photo 15), I masked a couple of wing panels and over sprayed them with AeroMaster RLM 81, Braunviolet. Photo 16 shows the result, however the contrast was too great and photo 17 shows the model after I re-sprayed the base colour, glossed it, masked again and over-sprayed the panels



bottom one having only one pipe. I made these from plastic tubing cut to length and super glued in place. The photo also shows the filling and priming, the landing gear installed and the wing guns in place. Although difficult to see, photo 12 shows the port wing gun after having been drilled out with a small bit chucked in my pin-vice. Little details like that enhance a finished model in my opinion. Photo 13: ah, the process is well along! The wing-to-fuselage join has been filled and sanded as has the resin cowl and always being one who must do something extra to a kit, I decided to cut and re-position the tail surfaces. To replace detail, I had to fabricate the extensions off the stabiliser which are visible in the photo. The rudder came in for the same treatment later on in the process. Looking through my reference material, I was impressed with how close to the ground the elevators came when the stick was fully forward plus the repositioned tail feathers gave a little busyness to the finished model. At this stage, I recognised the similarity between the 1930s design of the 'Rata' and the American 'Golden Age of Air Racing'. The Granville Brother's Gee Bee comes to mind and I wonder what Jimmy Doolittle thought of the Russian design. Granted, the cockpit on the I-16 is further forward but the similarities are quite evident.

Next on the list was the installation of the gun fairings on the upper cowl. These are quite accurate and I again commend Hobbycraft for their research. Photo 14: a little white glue around their edges faired them in quite nicely and all of a sudden it was time for final finishing!

with the base colour thinned and lightened with white. I sprayed the elevators, rudder, ailerons and baggage door with the same mixture. The photo also shows the decals in place. AeroMaster's sheet 'Fighting Polikarpov I-16s Part 2' (#48-281) provided the markings. In their instruction sheet, the entire cowl and a portion of the rear fuselage decking and vertical tail are painted red, however, they caution that some sources dispute that additional colour, so I decided to go that route and leave off the red although it would have been quite colourful had I opted to follow the AeroMaster side views. My fellow club member also disputed the rather outlandish red trim and since he is quite knowledgeable about things Russian, I felt comfortable with my choice.

Photo 18 involved the careful removal of the dainty landing gear doors from the photo-etched fret. I use a small sheet of glass as my base because it is a very firm surface to work on. Please notice the masking tape which covers the edges of the glass sheet so as to protect one from cuts and subsequent drips on the modelling bench! I placed my steel rule on the dividing line of the door and simply bent the part to a 90° angle and just like that it was done! When removing small photo-etched parts from their fret, I find a gentle filing of great help in eliminating the small remains of the fret from the part. I place the part in tweezers with just the piece to be removed protruding and with my mini-file set, I gently file off the stub. Photo-etch is so susceptible to bending that it's essential to take care when working with it. As you will notice, I pre-spray the parts

before removal and a mere touch up is easy to do once the part is mounted in place - in this case, on the gear legs. Photo 19 shows the end result. Photo 20 is not an aberration! According to a correspondence from my fellow club member, he has seen the blue propeller blades on an I-16 in Russia, and my twinge toward devilment dictated that my model would have such coloured blades! Also of note in the photo are the scratch-built cowl intakes, Hucks starter fitting on the spinner and the added cowl gun barrels from plastic tube. Photo 21 one gives an underside view showing the flattened wheels, exhaust piping, landing gear retraction cables and the minimal weathering applied around the under cowl area. According to my sources, the cables were attached to a crank in the cockpit and the pilot thus retracted the landing gear by cranking! Made for strong arms, I suspect! Photos 22 and 23 offer side views of the aircraft. All Ratas had the natural metal strip around the cowl and AeroMaster provided a silver decal for that purpose. However, after I applied the decal, it didn't look like natural metal. I happened to have a roll of 3M Mylar ultra-thin metal tape so a couple of cuts later, I had a strip the right width and applied it over the decal. Now it was too bright, so I over-coated the tape with three coats of Tamiya Smoke acrylic paint and that gave me the hue I was looking for. A little work with pastel chalk provided a gentle weathering effect and with a silver Prismacolor pencil, I was able to add subtle chipping in strategic places on the fuselage and wing area. Some of the component structure of the I-16 was wood, however I reasoned that they would have silver-primed the aircraft before final overcoat, hence the chipping. The gun fairings on the forward fuselage take on a look of reality after the treatment with the silver pencil. (Photo 24)

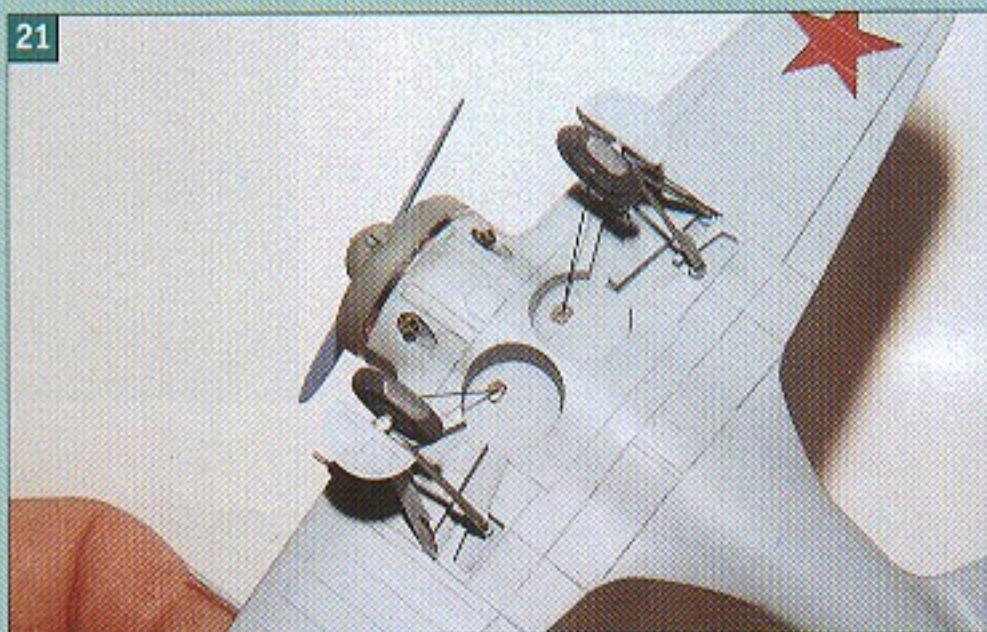
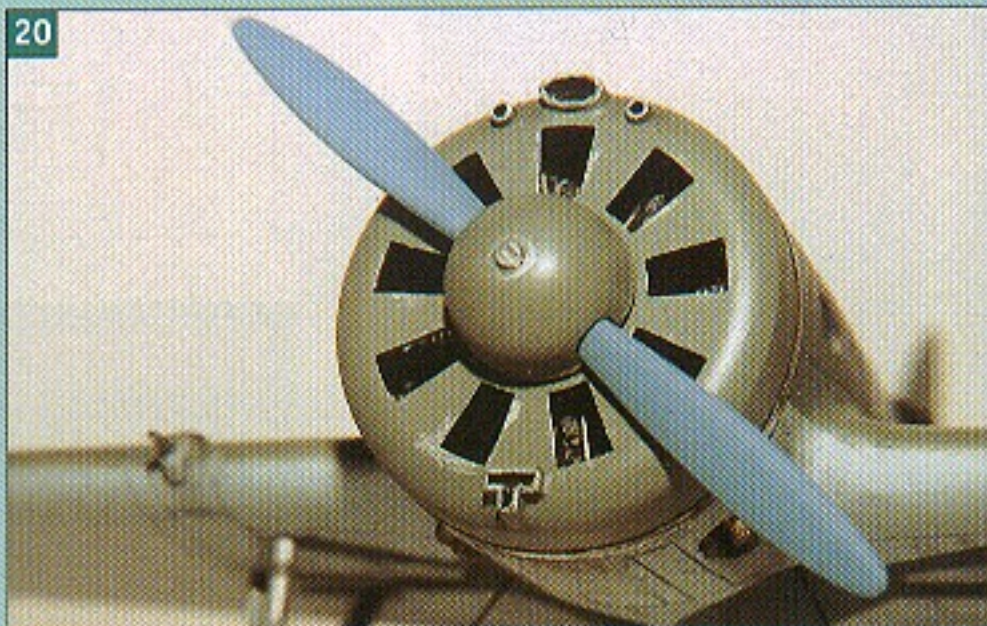
Photos 25 through 29 give overall views of the finished model. According to references and correspondence, the windscreen frames were mostly left in natural metal and the side cockpit doors were painted on both sides in the topside colour green. Exhaust pipes were painted with a base coat of Floquil Antique Bronze and dry brushed with Testors Rust. I drilled small holes in the wheel hubs and inserted small stretched sprue to represent valve stems. The panel shading comes out well in the photos as does the extreme droop of the elevators and their proximity to the ground when fully lowered. As with all modelling, time and patience will yield good results and this model was no exception. Little highlights here and there enhance things and offer a 'busy' surface for the eye to absorb. One glaring error is my failure to thin the inside of the forward cowl prior to gluing it to the resin insert. Needless to say, there is a lack of scale thickness when one views the cooling openings from the side. As I implied, haste makes waste!

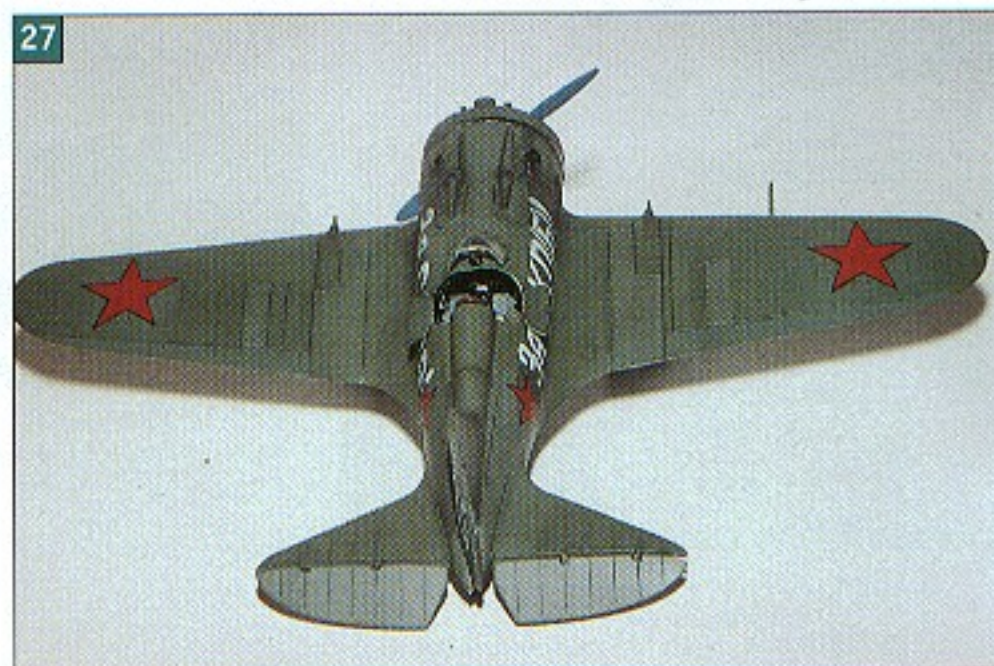
All in all, a fun kit to build and a unique addition to my collection. I've heard modellers gripe about Hobbycraft kits, but for my money they offer a good product and unique subjects. Thanks to Hobbycraft of Canada for producing the I-16 series!

Frank T. Cuden

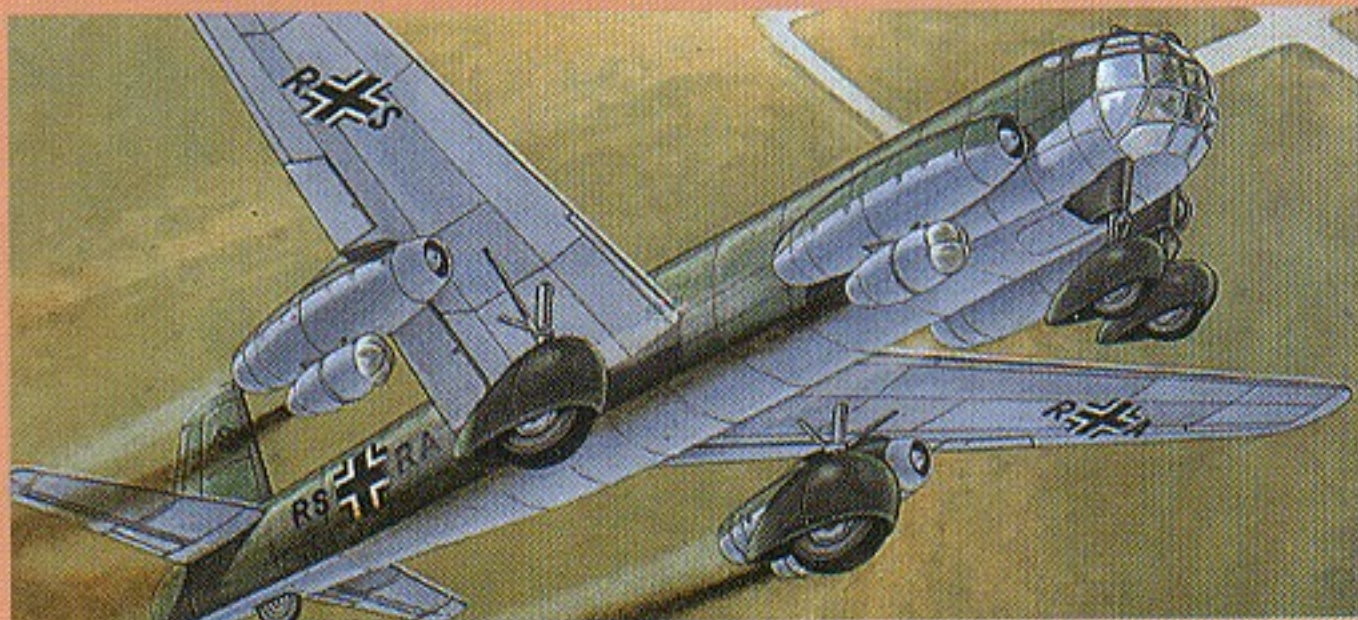
References

- Koku-Fan Magazine - March 1996
- Modelling Manual
- Fighting Polikarpov by Michael E. Abanshin
- Eagles of the East Vol. 2
- Aviation International, 1994
- Polikarpov Fighters in Action Pt. 2 by Hans-Heiri Stapfer
- Squadron/Signal Publications, 1996





Polikarpov I-16 Type 18 'Rata'



Huma Models from Germany 1/72 Scale
HM5001 Junkers 287 V1



Armageddon from France 1/72 Scale
MC2001 L.C.V.P.



Hi-Tech from France 1/48 Scale
Limited Run Injection Molded
HI0007 Vautour IIN



Blue Max from England 1/48 Scale
These kits are Limited Production, Numbered,
Injection Molded Kits, w/White Metal Parts
PG0110 SE5a RAF Includes Hispano Suka & Wobsey
versions, resin w/white metal parts, mks for No.56 Sq & No.85 Sq
PG0112 Sopwith Dolphin RFC fighter



Special Hobby from Czech Republic
1/72 Scale
SO72022 Junkers Ju 388 J-1



MPM from Czech Republic 1/72 Scale
Injection Molded Limited Production, w/Vac Canopy
MP72111 Yokosuka E14Y1 Glen



MPM Expert Series Kits
from Czech Republic
1/48 Scale Limited Run Injection with Resin Detail Parts
MP48042 AERO L-39 Albatros



Sword from Czech Republic 1/72 Scale
Injection Molded Plastic
KPS72010 Beechcraft D-17S Staggerwing



PM Models from Turkey 1/72 Scale
PM0217 Messerschmitt Me.P.1111 Luftwaffe decal



MAC from Czech Republic
1/72 Scale Armor
KPM72037 Einheits Diesel Truck



Supermodel from Italy 1/72 Scale
SU0008 Savoia Marchetti SM 81 Pipistrello



Roden from Ukraine
1/72 Scale Aircraft
RD0003 Pfalz D.III

New Wave squadron Try



Squadron Mail Order
Dept. FS10
1115 Crowley Drive
Carrollton, Texas 75011-5010

Phone Orders (972) 242-8663
FAX Orders (972) 242-3775
Hours: 8:30 AM to 5:30 PM
C.S.T. Monday thru Saturday
Visit us on the WEB at -
<http://www.squadron.com>

Postage & Handling USA - APO - FPO

Minimum Postage	-----\$4.75
\$20.00 to 49.99	-----\$5.25
\$50.00 to 99.99	-----\$6.25
\$100.00 and up	-----Free
Canada	
Minimum Postage	-----\$8.75
\$20.00 to 39.99	-----\$9.75
\$40.00 to 59.99	-----\$12.75
\$60.00 and up	-----\$15.00

Foreign

All Other Countries 30%
of Order
(\$16.00 Minimum)

Your check or money order
must be drawn on a
U.S. Bank in U.S. funds.



Toko from Ukraine 1/72 Scale
TK0120 Aviatik-Berg D1
TK0129 Nieuport 11 Bebe



MPM from Czech Republic 1/72 Scale
Limited Production, w/Vac Canopy
MP72091 DC-2



Special Hobby from Czech Republic
SO48007 Junkers Ju 87A 1/48 Scale



Zvezda from Russia 1/72 Scale
ZV2003 Typhoon Mk.IB Car Door



Arii from Japan 1/50 Scale Locomotives
AA0555 5-51 Steam Locomotive
World War II



JB Models from England 1/76 Scale Armor
JB1010 Landrover I Tonne FC Truck GS Body



VM Co. Ltd. from Russia 1/35 Scale Armor
ZV359504 Bishop SP Gun complete interior detail



Azur from Czech Republic 1/72 Scale
AZ0014 Romeo Ro 37 bis



Mach 2 from France 1/72 Scale
MC0023 SE 210 Caravelle III & VI mks for United,
Air France, French AF, Swedish AF & Air Inter



Revell from Germany 1/87 Scale Locos
RG2162 Locomotive German BR 01
World War II



KP from Czech Republic 1/72 Scale
KP023 Spitfire Mk IXE
Mkgs/Brit & Czech w/Optional Wing Tips



Siga Model from Ukraine 1/72 Scale
SG72011 North American FJ-1 Fury
USN Carrier-based fighter

PST from Belarus 1/72 Scale Armor
PT72028 ZIS-5 & Towed 37mm AA Gun



Squadron Mail Order Catalog Subscription Rates

U.S. and APO/FPO Addresses:
\$5.00/Year

Includes Catalog & 12 Supplements
Canada & Foreign Countries*
\$10.00/Year

*(S6.00/Year where supplement
service is not available)

*Supplement service not available
to all countries. Write for availability
to your country.



Nakajima

by Peter Fearis

G5N2 'Shinzan'

History

Originally conceived under the 13th Shi attack bomber specification, the G5N, known as the Shinzan (Mountain Recess), was used in service in an entirely different role, a freight transport! In fact Nakajima's Shinzan owes much of its design to another transport type, the American DC-4E.

During 1939 a DC-4E was acquired for Nippon Koku K.K. (Japan Airlines) from the Douglas Aircraft Company. Shortly after its arrival in Japan it was handed over to Nakajima who began to dismantle it for study. In Japan at that time the Japanese aviation companies had no experience whatsoever in producing large four-engined aircraft. Using many components from the DC-4E, Nakajima set about developing what was to be the largest land-based aircraft to see service with the IJNAF during the Second World War. The Shinzan retained the wings, undercarriage and engine installation of its American counterpart but had a totally re-designed fuselage. First flown in April 1941 the Shinzan proved not to be up to its design specification; it was both overweight and poor in performance. Due to these problems only another three G5N1 Shinzan bombers were to be produced, none ever actually dropping a bomb in anger. All was not lost for the Shinzan however as two of the G5N1s were re-engined with Mitsubishi Kasei 12 engines and designated G5N2 whilst two new airframes, without any defensive or offensive capability, were produced as freight transports and given the designation G5N2-L Shinzan Kai Model 12. Serving at Atsugi airbase during the war the Shinzan Kai was used extensively to transport various loads around the Japanese mainland until the war's end. Of the six airframes produced one is believed to have crashed during a flight, allied bombing destroyed at least one and two survived the war being scrapped shortly afterwards. The fate of the other two airframes is unknown.

The Model

At this point I must admit this is one aircraft I never believed would be produced. There are several reasons behind this, it's a very large aircraft, only six were built and it is Japanese. Not only have Create 301 produced the version of the Shinzan constructed here (Shinzan

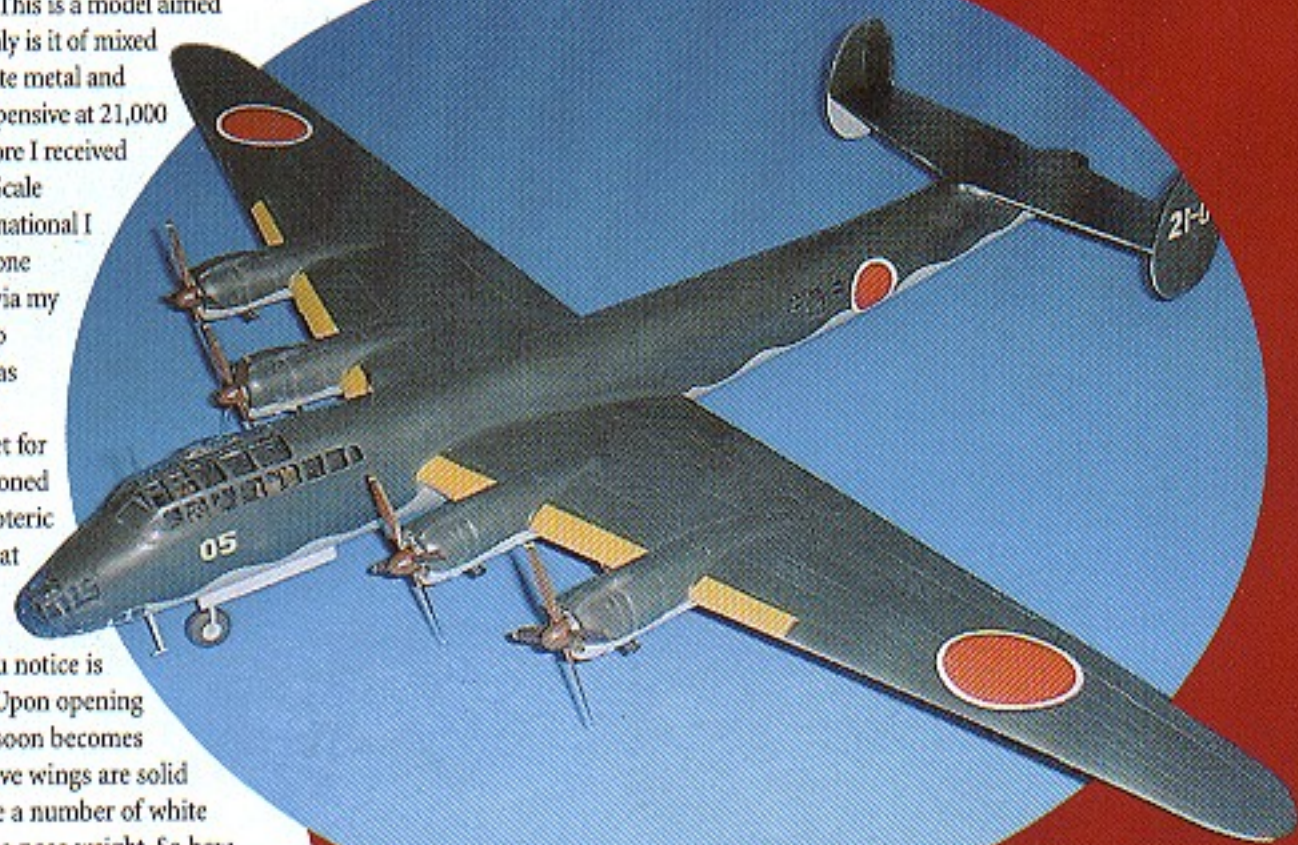
Kai), but I believe they have also produced the G5N1 bomber version. This is a model aimed at the enthusiast. Not only is it of mixed construction (resin, white metal and plastic), but it is also expensive at 21,000 yen! (approx £128). Before I received this model to build for Scale Aviation Modeller International I had already purchased one direct from Create 301 via my Japanese friend Keishiro Nagao, so I have nearly as many as the IJNAF did.

Well what do you get for your money? As mentioned you get a very large esoteric model of an aircraft that is unlikely to be produced by anyone else. The first thing you notice is how heavy the box is. Upon opening the very sturdy box it soon becomes evident why, the massive wings are solid resin. Added to this are a number of white metal parts, including a nose weight. So how are the components broken down? The hollow fuselage, wings, tailplane and fins are a high quality resin that has been prepared with a medium grey primer. The undercarriage, engines, propellers, exhausts and internal details are white metal, whilst the remaining items, cowls and wheel bay covers are a rather soft plastic. To complete the model there are the transparencies, made from clear resin (more to say on this later). Screen-printed decals and an instruction sheet totally in Japanese complete the package.

Construction

Not being able to read Japanese is not a problem during the construction stages as the exploded diagram is easy to follow. Due to the heavy weight of the completed model I quickly decided to forgo the usual super glue for the main construction and opted for a two-part epoxy resin, although super glue is still required. Starting with a delve into my reference library I was delighted to find that in the Japanese Famous Aircraft of the World (old series) collection there was a title devoted to the Shinzan and the Renzan (Rita). Considering how few of this aircraft were produced the photographs contained within this title came as a shock. There are 8 pages of

clear internal photos, try finding that many pages with internal photos of an Army Ki-49 Donryu for example. These photographs proved invaluable, as the interior supplied with the kit is somewhat basic. Using various thickness plastic card, fuse wire and the photographs in the book I set about scratch-building a completely new interior. First to go in was a 40 thou floor pan. To get the required shape for this I traced around the supplied nose weight. A cutout for the stairs was made at the front of the floor pan and simple steps fashioned from 20 thou card. Next to be added was the first side to the nose wheel well (Photo 1). As the nose weight provided was not to be



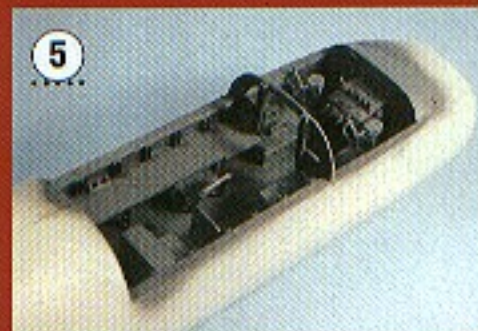
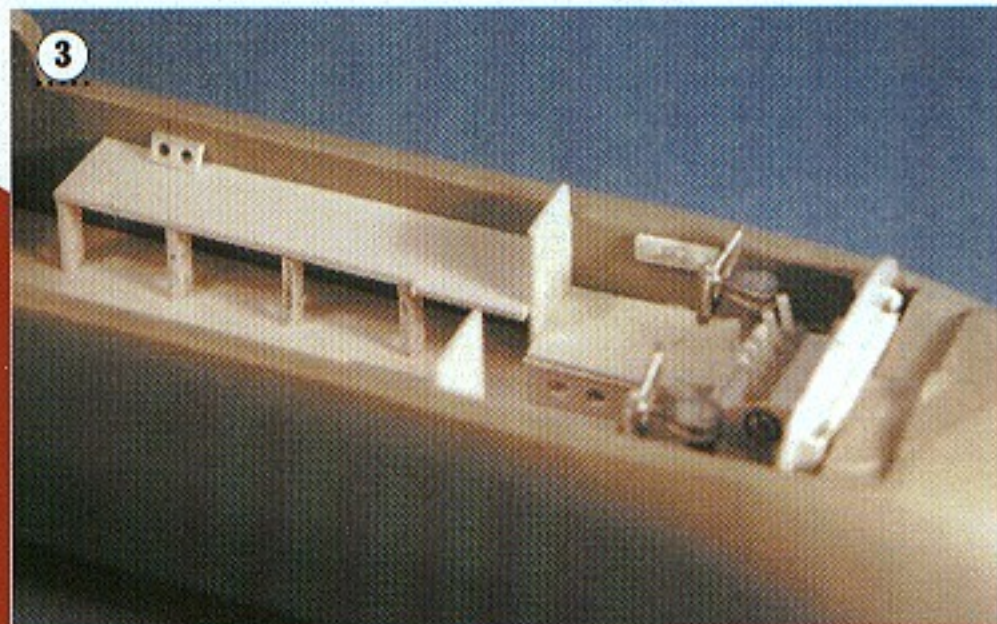
Paint Cross-Reference Chart

Item	F.S.number	AeroMaster	Humbrol	Tamiya	Xtracolor
Interior	35164	1087	144	XF18	X125
Top Surface	34092	1090	42	XF61	X114
Lower Surfaces	34159	1091	-	XF65	X118
ID Markings	33432	1086	154	-	X213
Propellers	30109	1099	113	-	-

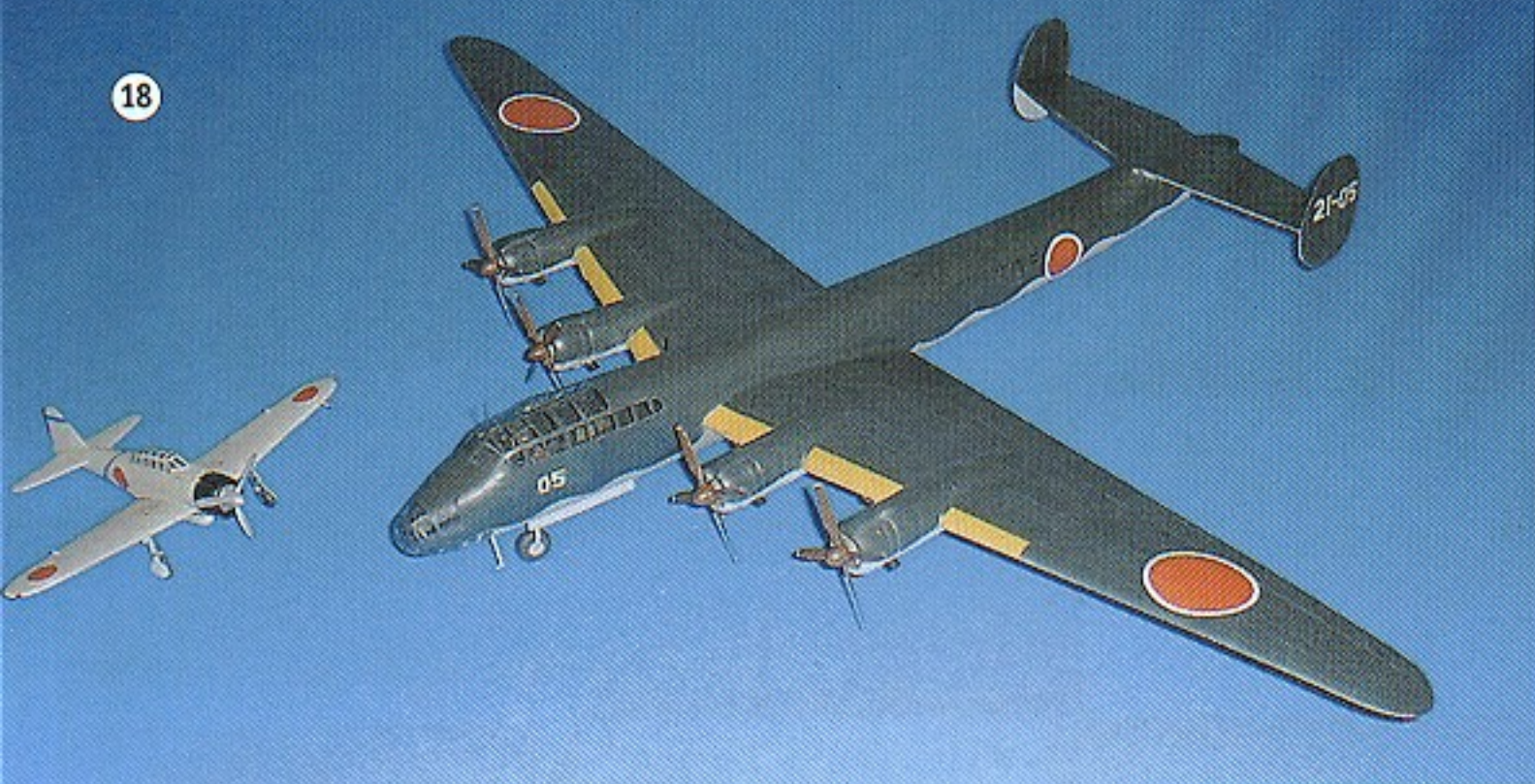
Technical Data

Scale: 1/72nd Price: YTB4
 Kit No: N/K
 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Type: Resin & White Metal
 Parts: Resin 25, (Clear) 8, Metal 23
 Decal Options: 1
 Manufacturer: Create 301





used lead strips were glued in place between the bay side panel and the fuselage. The front and rear walls of the bay were then added and more lead strip was glued into the available areas. Using the trusted photographs yet again an accurate representation of the cockpit interior was built up with various gauges of plastic card (Photos 2 & 3). Only the control columns supplied with the kit were utilised at this point. It was now time to decide on the interior colour. I am sure that (somewhere) amongst the Japanese text this subject was covered but I preferred to choose logical elimination. It is known that dark blue grey was used as an interior colour on certain Japanese types and looking at the interior photographs this colour seems correct. There is a chance I am incorrect but the finished interior certainly looked right (Photos 4 & 5). Before joining the two fuselage halves I inserted the side rear fuselage glazing. This is



produced in clear resin and to be frank is not that clear, reminding me of early Novo kit transparencies from Russia. To try and improve these I set about sanding and polishing the parts. After much work and a coat of gloss varnish the look was improved upon and the two side panels were glued into place and the gaps filled (Photo 6). When satisfied with the fit of these parts it was time to add some more lead strips around the nose wheel bay and join the fuselage halves together. This was accomplished with the aid of a very strong two-part epoxy resin. At this point my mind wandered back to the cockpit area; with the clear resin canopy all the work I had done would be in vain so drastic action was called for! I decided to push-mould a new canopy using the resin one as a master. The rear part of the canopy and the top cut away were closed off with some thick plastic card. When sufficiently dry the entire glazing was filled with modelling clay and this was allowed to go hard. Model filler was then used on the exterior of the cut away section to blend the contours (Photo 7); the resulting master can then be used to produce a new canopy (Photo 8). This method was also used for the nose glazing. When the new canopy was produced I was faced with another problem, how to attach it. On the first attempt I cut the new piece out and placed it over the opening so that I could mark the position of the side windows. The top of the canopy was then removed and the whole part was placed on the cockpit opening, but this method did not work well due to the complex curves. A second canopy was push-moulded and a second, very drastic approach was taken. Using a fine razor saw I removed the protruding cabin roof. The whole of the replacement glazing was then secured in place and faired in with filler. After preparation masking tape was used to mark out the canopy frames and the area sprayed with the interior colour (Photo 9). Once dried the same task was carried out for the remaining framework, the finished results being shown in photograph 10. To complete the nose area, flooring and framework made from plastic card was added (Photo 11). The new nose glazing was added and the frame lines applied using the same method. Due to the sheer size of the model I decided this would be an appropriate time to mask off all the windows and as usual with Japanese types this is quite an undertaking. When completed the next stage of assembly was tackled.

Stage 2 - The Flying Surfaces

I decided at this point that it would be far easier to add the engine and cowl components to the wings before attaching the wings to the fuselage. Each assembly was made up of three components, two white metal and one injection moulded plastic (Photo 12). As you can see in the photograph the interior of the cowls will need cleaning up, also on my example flaws around the cooling gills needed to be rectified with a little filler. Once these easy tasks are carried out the three components can be assembled (Photo 13). Before attaching these to the nacelles the exhaust ports were carefully drilled out to add extra realism. All four cowls were then super glued to the wings. The single-piece tailplane was next, faired in and the twin fins attached. The mammoth task of attaching the wings now stood before me. Due to the weight of the wings I decided to call in the strong guys in the guise of a 20-ton breaking strain epoxy resin. Now I know this seems over the top but the last thing I want is for the wings to fall off one day! The resin glue I used was pliable for an hour or so and fully set after 5 hours. When aligned the wings were held in place by copious amounts of masking tape. The following day I decided to add the basic undercarriage components so that the model could be primed for easier painting. To my horror my Shinzan was a tail sitter. However when I added the white metal propellers to see what she looked like, the aircraft gracefully tilted forward onto its nose wheel leaving me feeling a very relieved chap (Photo 14).

Final Touches

The model was now ready to move into the final stages. As usual I started off by giving the entire aircraft a coat of medium grey; this helps to show up any blemishes that will need to be sorted out. With this done I set about the task of deciding on the colours to use. On the centre pages of the EAOTW that I mentioned earlier is a rather nice colour photograph of the actual aircraft covered within this kit. As anyone will testify you cannot use colour photos as a reference for colour guidance, however this particular photograph does give basic guidance as to the correct scheme, green and grey. Being a

Nakajima aircraft I opted for the two shades associated with this manufacturer, my preferred choice being the AeroMaster colours. Unfortunately these are no longer available, but I started by spraying the entire lower and side surfaces with light grey. Allowing sufficient time to dry I then gently pencilled in the wavy demarcation line between the upper and lower surface colours. To get the slightly soft edge I required I used strips of modelling clay rolled into long thin sausages, these then being pressed into place slightly below the line, the top surface green was then applied (Photo 15). Once this coat was fully dry the modelling clay was gently removed revealing the slightly soft demarcation line.

It will be of little surprise to read that painting this model used a lot of paint, in fact half a jar of each colour. The next stage was to add the leading edge ID markings. All the appropriate areas were masked off and AeroMaster ID Yellow was applied. Once dry the tape was removed and the entire model given a coat of gloss varnish ready for decalling. Whilst the varnish was given time to dry I took the opportunity to paint the white metal propellers using Humbrol enamel (No.222), as this is a good match for the desired colour. It was now time to add the decals. The decals are

screen-printed and this shows when looking at them, you can see a texture on the surface. I was tempted not to use them but I am glad I did. The colour, registration and accuracy are excellent even down to the poor application of the red surround to the fin codes as seen on the real aircraft. It should be noted that there is a clear film over the entire sheet, so each decal will need to be trimmed very closely. Treated like any other decal, using warm water and decal solution, all the decals were applied without any problems, in fact once dry they looked painted on. All that was left to do now was to apply a satin topcoat, finish off the undercarriage units, attach the bay doors, remove all the masking from the glazing and add the Ariel masts. My Shinzan was now finished. (Photos 16, 17, 18).

Conclusion

Well this is the hard part! What do I think of this model! If you are a die-hard Japanese aircraft modeller (such as myself, and others I know of) you may not be put off by the price if you really want a Shinzan in your collection. It's a very large model that will take up a lot of space, require you stretch your modelling skills to get the most out of it and sometimes leave you thinking why did I spend this much money! But, and there's always a but, if you can accept all the above you will be left with a very beautiful model that will be a real eye-catcher at any display. I don't think, in fact I am sure this aircraft will never be done in this scale again. The size is just too prohibitive. Mr Osuo, the gentleman behind Create 301 should be applauded for having the courage and conviction to produce this aircraft. It has been quite a while since the last Emperor's Wings and this edition is more of an extended review; nonetheless it has been very enjoyable and has achieved something that I had been hoping for for sometime, a re-kindling of my modelling interests! Thank you Create 301.

Peter Fearis



NEW AIRWAVES

ED Models

SHOP/MAIL ORDER: (DEPT SAM)
64 Stratford Road, Shirley, Solihull,
West Midlands B90 3LP
Tel: 0121 744 7488 Fax: 0121 733 2591
email: airwavesuk@ukonline.co.uk

AIRWAVES 1:72 RESIN CONVERSIONS

SC72-118 HP Hampden Wing Tip £1.99
New correct profile wing tips for the Airfix kit.

SC72-120 Spitfire 'C' Wing £6.99
New complete 'Wing for 'C' wing Spit's. Fits most Spitfire kits.

AIRWAVES 1:48 RESIN CONVERSIONS

SC48-079 Republic F-105D "Thunderbolt II" £7.99
New one piece resin spine to convert Monogram F-105D

SC48-080 Republic F-105B nose £6.99
One piece nose that locks in to Monogram kit to convert to B version.

MODEL ART. 1:72 Scale £5.00

MA72037 Spitfire LF IX French AF. TE549/A GC 1/4 NHA-Trang 1947; MK781/K GC 1/4 Hanoi 1948; ML137/P GC 2/4 Shark Mouth Gia Lam 1947; Gazelle HT2 Chocof of XW860/44/CU; XX448/57/CU; XW863/42/CU; ZB647/40/CU at 705 NAS "Sharks"; DH Sea Venom FAW21/22 WM577/D 891NAS 1955; WW189/451/J 892NAS HMS Eagle (Suez); XG737/438/B 891NAS HMS Bulwark

KITS at WAR £5.99 1:72 Scale
K7204 South African AF (10) Ju-86Z No 665 12 Sqn; Harvard Mk III No 7458CFS Dunottar; Spitfire Mk IXe No 5534 CFS 1950; Hurricane Mk IIC LD501 GL-27 11 OTU; P-51D Mustang Mk IV KH727 GL-J 5 Sqn Italy 1945; No 361 2 Sqn "Miss Marouchi" Korea 1951; Mosquito PRXIV LR513 80 Sqn "Lovely Lady" PRU blue; No 4802 JS-Q overall silver; F-86F Sabre Mk 6 No 609/E 2 Sqn "Malabola" Korea 1953; No 350/A 1 Sqn. Both overall natural metal

KITS AT WAR DECALS 1:48 Scale £5.99
K4805 South African AF (5) Harvard Mk III No 7458 CFS Dunottar; Spitfire Mk IXe No 5534 CFS 1950; P-51D Mustang Mk IV No 361 2 Sqn "Miss Marouchi" Korea 1951; Mosquito PRXIV No 4802 JS-Q overall silver; F-86F Sabre Mk 6 No 609/E 2 Sqn "Malabola" Korea 1953; overall natural metal

CLOUDMASTER DECAL 1:72 £8.99

Scale CMD7212 Caravelle TRANSALVA HOLLAND PH-TRU

GALDECAL 1:72 FINNISH AIR FORCE price £5.50 per sheet
GD72-003 Part 3 Blue Swastika on White Circle in 11 sizes 209,166,151,122,115,86.5, 72,68.5, 65, 79 & 94 cm suitable for many a/c from 1920- WW2.
GD-004 Part 4 blue Swastika on White circle in 8 sizes 180, 137, 129.5, 108, 100, 81,50.5 & 10cm

For use on many a/c maily 1930's and WW2

RECENT AIRWAVES RESIN CONVERSION 1:72 Scale

SC72-121 W. Whirlwind Mk 7 RN Lower Fuselage £4.99

SC72-122 W. Whirlwind Mk 10 RAF Nose £4.99

SC72-123 W. Whirlwind Mk 9 Nose & Fuselage £8.99

IDEAL FOR CHRISTMAS

THE BEST VALUE AIRBRUSH COMPRESSOR ON THE MARKET TODAY.

* Totally Silent Running 0 to 6 Bar (0-140 PSI) pressure
1 litre air reservoir. Moisture Trap Pressure Gauge Pressure Adjustment,
12 Month Guarantee. Sent Insured & Signed Delivery POST FREE

PRICE £299.00



POSTAGE ON DECALS AND PHOTO ETCH UK/BFPO: Up to £8.00 - 50p. Over £8.00 - FREE No postage when ordering with kits. POSTAGE ON KITS AND BOOKS UK/BFPO: Up to £3.00 - 60p. Up to £10.00 - £1.50 Up to £25.00 - £2.00. Over £25.00 - FREE. All prices include VAT @ 17.5%. Overseas customers (inc. Eire) please add 35% to cover surface mail. Air Mail extra (approx. 45%). Overseas and BFPO deduct VAT at 17.5%. Books zero rated. ADVANCE ORDERS TAKEN - Cheques/Credit cards not charged until day of dispatch.

WINDSOCK DATAFILE SPECIAL BOOK

The Airco DH4 £18.50

DETAIL & SCALE BOOKS

A-1 Skyraider (Dec) £12.95

SQUADRON SIGNAL BOOKS

5524 Me110G Walk Around £12.99

SAM PUBLICATION BOOKS

The Avro Lancaster £17.99

HALL PARK BOOKS

Fairey Firefly All versions £TBA

EAGLE FILE BOOKS

Et#3 Augsburg's Last Eagles

Colours, markings & variants of Me109's

19944-45

Due Late 2000 price approx £22.00

EAGLE FILE VIDEO VHS Format

Rare Luftwaffe instructional aid from the

Gunnery School Of 1944 (gun Camera

shots) £30.00

OSPREY MODELLING BOOKS

No1 Basic Aviation Modelling £10.95

No2 Advanced Aviation Modelling £10.95

No5 Airbrush Painting Techniques £10.95

No8 Modelling & Painting Figures £10.95

No12 Postwar Aircraft £10.95

PARAGON 1:48 resin

4868 S-3 Viking Wing & fin fold £12.99

4867 A-6 Intruder Wing fold & spoilers

for composite wing A-6's (Revell) £13.99

48141 EA-6B Prowler Wing fold & spoilers

..... £13.99

ICM 1:48 injection moulded

IC4861 Spitfire Mk IX (All new tool) £12.99

IC4863 Spitfire Mk IX LF Israeli AF £12.99

IC4865 Spitfire Mk VIII USAF £12.99

ICM 1:72 injection

IC7271 Pilekarpov I-16 Type 24 £5.50

IC7292 TB 3 China AF £19.99

IC72102 Soviet Air Force Base £14.99

RODEN 1:72

Heinkel He 111 C Pre war Civil Version £15.95

Platz D III £5.50

Platz D IIIa £5.50

GRAN 1:72 injection

Lavochkin La 9/11 £7.99

MAQUETTE 1:72 injection

Yak 7A Soviet WW2 fighter £4.99

Yak 7 D long range fighter £4.99

Yak 7 W/UT 2 seat trainer £4.99

Fairey Delta FD 2 (ex Frog) £5.99

Vickers Wellington Mk Ic (ex frog) £13.95

REVELL 1:72

Heinkel He 177A-5 "Grief" £10.99

Domier Do 18G-1/D-2 seaplane £6.99

Curtiss SB2C-1 Helldiver £4.99

Sikorsky UH-60A Desert Hawk £8.99

REVELL 1:48

Mil Mi-24D Hind Gunship £14.99

P-61/B Black Widow £14.99

Vought F-8E Crusader £12.99

REVELL 1:144

Airbus A321 Austrian Millennium £8.99

Hi TECH 1:48 injection w/resin & etch

LFG Roland D.II "Haifish" single seat

fighter £17.50

DYNAVECTOR 1:48

BAC TSR 2 £24.99

Please not Dynavector is moving to

Japan in 2001. This will mean a price

rise on all kits. Buy now before the move.

Range below

Fairey Gannet AS-1* £28.00

Westland Wyvern S4* £31.00

DH Sea Vixen FAW 2 £29.00

Supermarine Scimitar F1 £29.00

Gloster Javelin FAW 9* £34.00

Douglas A201 Sky Shark £30.00

DH Hornet F1/F3 £30.00

DH Sea Hornet NF21/F20 £31.00

* means Airwaves Wing fold also

available

EDUARD injection moulded kits

1:48 P-400 Airacobra Pacific £13.99

1:72 Fokker Dr.1 Triplane PROFI £6.80

Italeri 1:72 (IN STOCK)

Boeing JSF X-32 £5.99

BAE Hawk 100 £2.99

FM FONDERIE MINIATURE 1:48

INJECTION

6010 Arsenal VG 39 C1 £17.99

DUE SOON FROM

FM FONDERIE MINIATURE

IN INJECTION MOULDED.

ADVANCE ORDERS WELCOME

1:48 Short Sunderland Price around £70.00

REVELL 1:48 few remaining

Me 110G-2 of ZG1 w/ resin nose £17.99

NOW STOCKING
SHOWCASE COMPANY
DISPLAY CASES
THE BEST QUALITY
PERSPEX CASES
AT AN UNBELIEVABLE
LOW PRICE
LEAFLET AVAILABLE

AIRWAVES
WORLD WIDE
TRADE ENQUIRES
WELCOME



ALL NEW AND AVAILABLE



EAGLE STRIKE productions

2025 S.W. 22nd TERRACE MIAMI FLORIDA 33145 U.S.A. PH/FAX (305)285-7219

AIRES AMERICA

Aires Releases

Late September

1/48

4098 F-104C/J Starfighter Cockpit set

\$11.99

4099 Merlin Mk. 22 Engine.

\$11.99

4100 F-104 Starfighter Exhaust Nozzle

\$10.99

4103 F-104 Starfighter Wheel Bay

\$ 7.99

1/72

7072 F-4 Phantom Exhaust Nozzle

\$10.99

Available NOW!

1/48th

48008 • Phantoms Phorever Pt.3 (F-4s)

48009 • Phantoms Phorever Pt.4 (F-4s)

1/32nd

32021 • Cats of the Fleet (F-14's)

32024 • Achtung Stuka!

32025 • Beginning of a Legend (Zero 11- 21)

1/72nd

72015 • Battle of Britain Emils (Bf-109E)

72030 • Skyraiders of the Fleet Pt. 1

72031 • Checkertails Pt. 1(Mustangs)

72032 • Phantoms Phorever Pt.3 (F-4's)

72033 • Phantoms Phorever Pt.4(F-4's)

The AIRES FULLY
ILLUSTRATED CATALOG
is available NOW
for only

\$5.99!

Available from your favorite dealer or from **EAGLE STRIKE productions**

www.eaglestrikeproductions.com



Hawker Typhoon Mk 1A, R7684/JG, flown by Wing Commander John Grandy, OC Duxford Wing, June 1942. Code is made up of pilot's initials 'JG'. Note rank pennant on cockpit door. 107cm (42") 'A' roundel on fuselage, 'J' roundels under wings, 'B' roundels above, with equal width (20cm/8") fin flash

Hawker Typhoon Mk 1B, R8893/XM-M of N° 182 Squadron, late 1942. Special ident bands, Black (30.5cm/12") and White (61cm/24") under wings (see sheet 3 for underside scrap view). White nose used temporarily as high visibility marking. Note unfaired front section of cannon. Fuselage roundels standardised at 91.5cm (36") diameter, while fin flash became Red 28cm (11"), White 5cm (2"), Blue 28cm, by 61cm (24") high



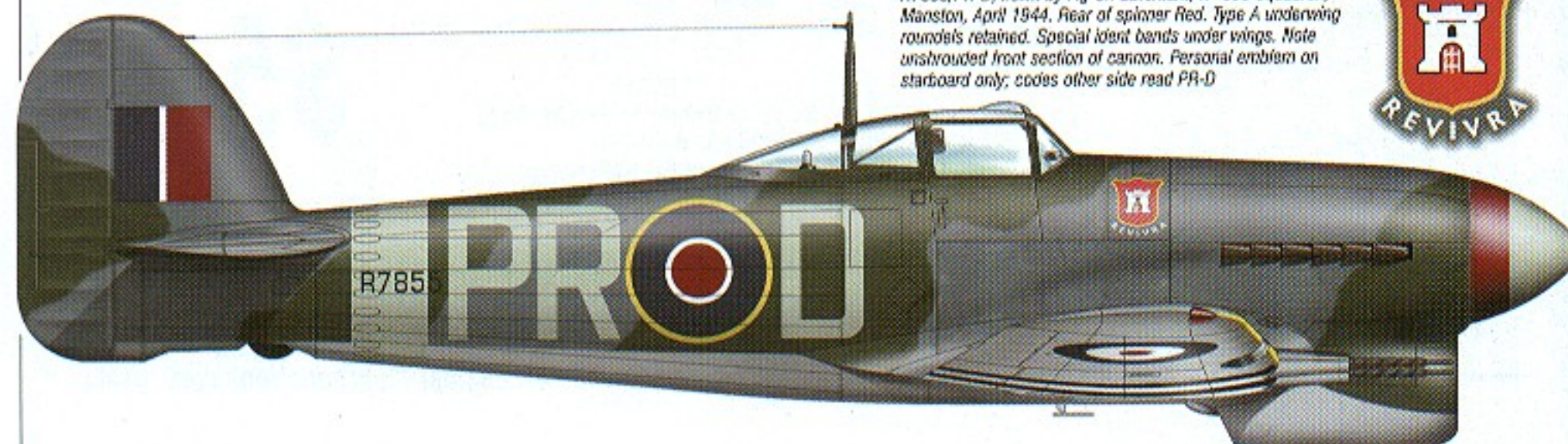
Hawker Typhoon Mk 1B, EK183/US-A, of N° 56 Squadron, late December 1942. Codes and front of spinner, together with 46cm (18") fuselage band in Sky; rear of spinner black. Special ident bands under wings, and Yellow 23cm (9") bands above



Hawker Typhoon Mk 1B, R8742/EL-A of N° 181 Squadron. Special ident bands under starboard wing only, port undersides Black. White 'Exercise Spartan' identification markings on fuselage sides, March 1943



Hawker Typhoon Mk 1A (converted to 1B standard), R7855/PR-D, flown by Flg Off Lattemant, N° 609 Squadron, Manston, April 1944. Rear of spinner Red. Type A underwing roundels retained. Special ident bands under wings. Note unshrouded front section of cannon. Personal emblem on starboard only; codes other side read PR-D



Hawker's Mighty Wind



Photographed at Boscombe Down is the second Typhoon prototype P5216. Of note is the early design of the wheel cover with a hinged 'D' shaped door attached to the main door. Wing guns had not yet been fitted, although provision had been made for their installation (Hawker Aircraft)



The Hawker Typhoon

The Typhoon's early teething problems could have put an end to this fighter's career before it even started, especially following its tragic operational debut as a pure interceptor. Fortunately, fate decided otherwise, and Hawker's enormous brute left an indelible mark in aviation annals when its role was switched to that of ground attack. Following Richard Franks' modelling feature in last month's issue, Richard J. Caruana provides further details on the Typhoon's history, together with scale plans and a selection of colour art.

With the Hurricane and the Spitfire well and truly established as the Royal Air Force's (RAF) main interceptors, secret reports that Germany was developing heavily armed and armoured escort fighters created quite a commotion in official circles. To combat such a threat the RAF needed a heavily armed fighter, with four wing cannon and an exceptional performance. However, the Merlin which powered both Hurricane and Spitfire could not possibly cope with such weight (not at that time, at least). Other engines under development which could possibly enable a fighter to carry four Oerlikon or Hispano 20mm cannon, were also at an advanced stage in development for large scale production.

A new fighter

The engines which promised to deliver the extra power needed were the Rolls Royce Vulture, virtually two Peregrine engines

mounted together, and the Napier Sabre, a side-mounted H-type engine based on the Dagger. Air Ministry Specification F18/37 was issued to which Hawker responded enthusiastically, especially since the Hurricane line had been well established and the company knew that a replacement would be due sometime in the future. Sydney Camm discussed the new fighter's design with the Director of Technical Development at the Air Ministry, and further details, especially dealing with operational requirements were issued as Appendix B in January 1938.

Hawker's proposals were accepted, and in March 1938 a contract for four aircraft was awarded, two prototypes powered by the Vulture and two by the Sabre. From then, on the development of these two types was to continue in parallel until one was chosen for production. The definite order for the two pairs of prototypes was placed on August 30, 1938, with the specification leaving all options open as to which cannon wing

armament would be required as further flight testing was necessary. Meanwhile, a twelve-gun armament had been agreed upon as a temporary measure.

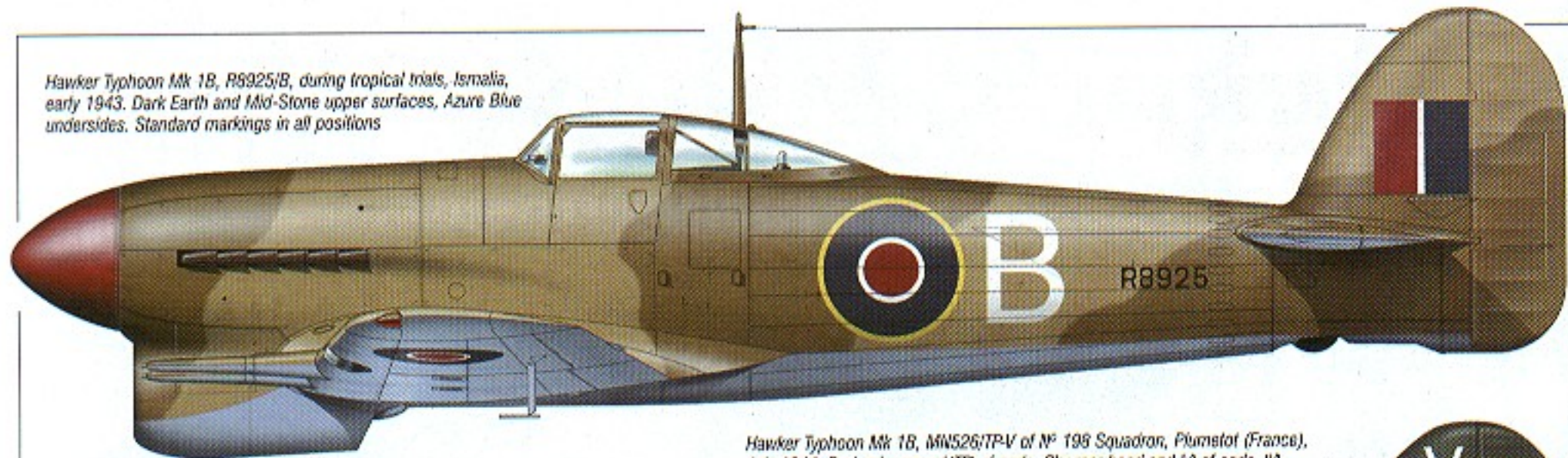
The first prototype to fly was the Vulture-engined version, known as the 'Tornado', on October 6, 1939 while the maiden flight of the Sabre-powered prototype (P5212), to be known as the 'Typhoon', was performed on February 24, 1940. The handling of this aircraft at low speeds left much to be desired, and a strong swing to starboard on take-off was highly evident. Much more worrying was excess wing vibration caused by the relative vicinity of the wing to the engine. Back at Kingston the fin and rudder were enlarged in an effort to cure stability.

Disaster very nearly struck when the fuselage broke just aft of the cockpit on May 9, and it was only the skill of test pilot Philip Lucas that saved this precious prototype as he proceeded to land it safely. Just after this incident, but for reasons completely unrelated to it, the Typhoon lost its priority

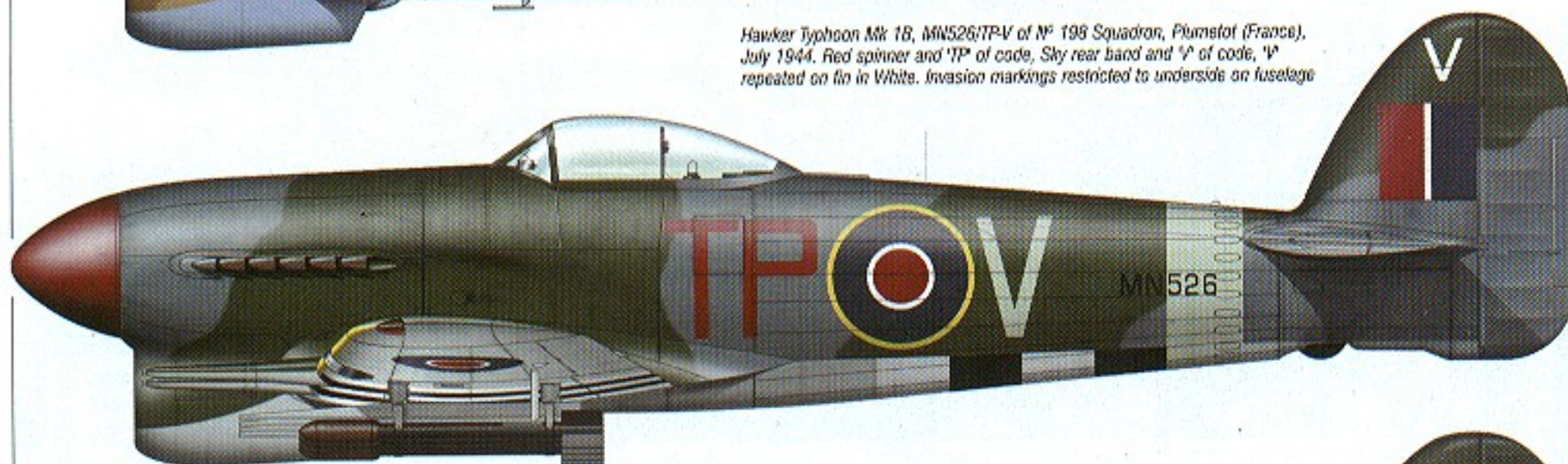
rating in an effort to increase Hurricane production and further the latter's development. Thus it was May 3 of the following year that the second prototype (P5216) took to the air. It incorporated a number of modifications, including restressed rear fuselage and the 12-gun wing armament as originally specified. In the meantime P5215 had also had its guns installed and performed extensive firing trials with the 12-gun armament before the second prototype appeared. P5216 had its guns exchanged for cannon armament, trouble being experienced with the feed mechanism, while the Sabre engine continued to prove temperamental.

This completely disrupted the production programme which, way back in 1939 had envisaged that out of the original 1000-strong order, first examples would have been delivered by July 1940, with the 500th example being ready by September 1941. Lord Beaverbrook's decision, as Minister of Aircraft Production, that all

Hawker Typhoon Mk 1B, R8925/B, during tropical trials, Ismailia, early 1943. Dark Earth and Mid-Stone upper surfaces, Azure Blue undersides. Standard markings in all positions



Hawker Typhoon Mk 1B, MN526/TP-V of N° 198 Squadron, Plumelet (France), July 1944. Red spinner and 'TP' of code, Sky rear band and 'V' of code, 'V' repeated on fin in White. Invasion markings restricted to underside on fuselage



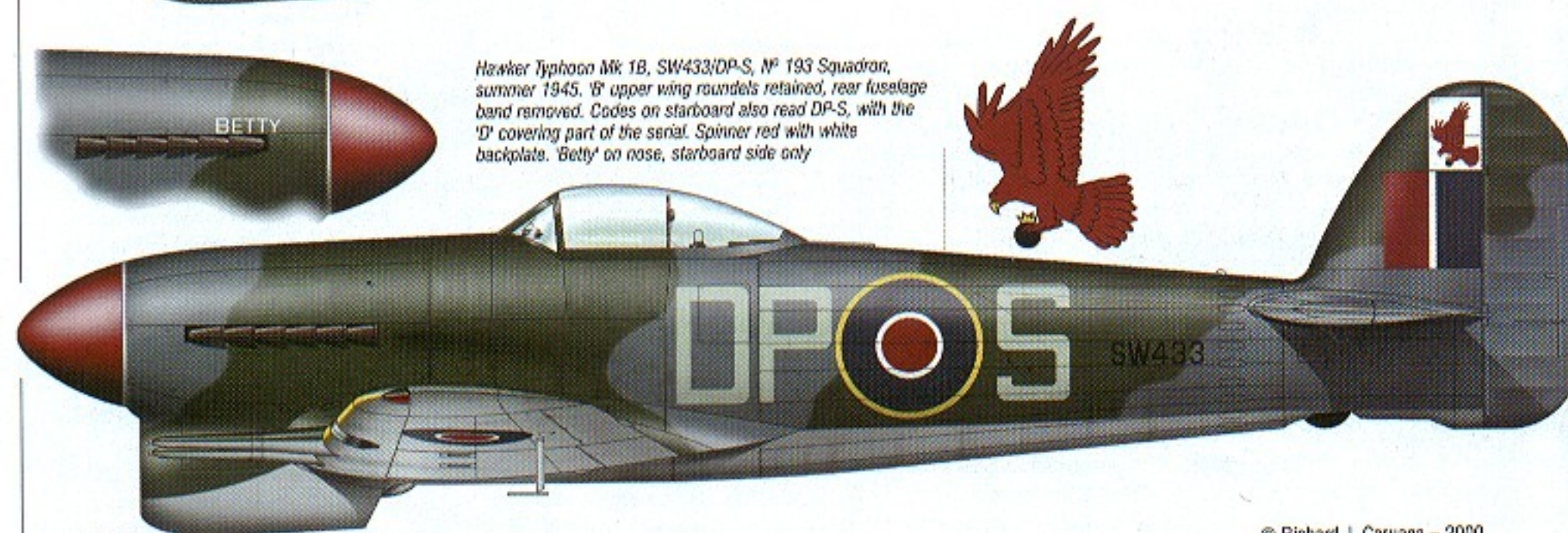
Hawker Typhoon Mk 1B, RB389/18-P 'Pulverizer IV', N° 440 Squadron, Goch, spring 1945. Upper wing roundels are Type 'C' while those under the wings are outlined in Yellow



Hawker Typhoon Mk 1B, MM819/MR-?, flown by Sqd Ldr J. Collins, N° 245 Squadron, 1944. Full invasion markings on fuselage and around wings. Blue spiral on the Sky spinner. Note 'window' in fuselage stripes for '?' on port (MR on starboard). Visible part of serial remains on Sky background



Hawker Typhoon Mk 1B, SW433/DP-S, N° 193 Squadron, summer 1945. 'B' upper wing roundels retained, rear fuselage band removed. Codes on starboard also read DP-S, with the 'D' covering part of the serial. Spinner red with white backplate. 'Betty' on nose, starboard side only



72 341	1772	KI-48 II Dinah (Hasogawa)	.69
72 342		B-2 (Testers)	
	1448		
48 327		Spandau Guns	
48 328		A-10 (Tamiya)	
48 340		AH-64D (Italeri)	
48 342		F-18C (Hasogawa)	

1/72
SS 159 F-18A (Haler)
SS 160 Mi-24D (Revell)
SS 181 P-4CE (Academy)
1/48
FE 127 A6M5 Zero (Hasegawa)
FE 128 A6M2 Zero (Hasegawa)

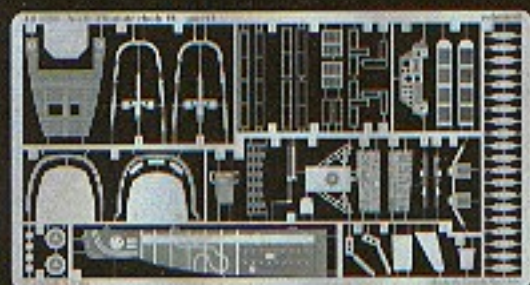
XL 008	F6F (Hasegawa)
XL 010	Tomado (Revell)
XL 011	F-15C (Tamiya)
XL 012	Me-262 (Revell)
XL 013	F-86 (Hasegawa)

We have now added hydraulic lines and hoses to our sets to improve the look of wheels wells and undercarriages. See the difference!



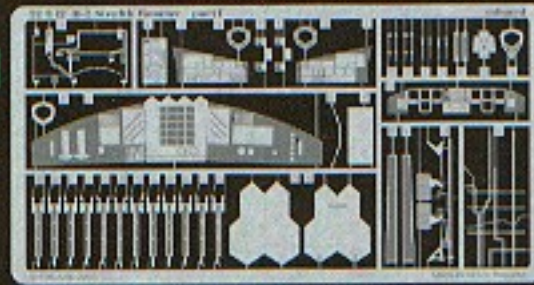
XF 077 P-40B/C (Academy)
XF 078 A-20 (AMT)
XF 081 F-18 (Hasegawa)
XF 082 Tomcat (Haleri)
XF 083 P-36 (Academy)
XF 533 P-47 Nat insignia 1942-43
XF 534 F4U Nat insignia 1942-43
XF 535 P-47 Nat insignia + red outline
XF 536 F4U Nat insignia + red outline

XS 063	9-17FG (Academy)
XS 068	A-4 (Italeri)
XS 081	M-24D (Revell)
XS 084	Sea King Mk.41 (Revell)
XS 085	H-34 (Italeri/Revell)
XS 096	F-5E (Italeri)
XS 093	B-109E (Itamiya)
XS 525	P-47 Natinsignia 1942-43
XS 527	F4U Natinsignia 1942-43
XS 528	P-47 Natinsignia + sed outline
XS 529	F4U Natinsignia + sed outline



eduard

Is photo etch



48-328 A-10 Thunderbolt II



**SCOTLAND'S LEADING
MODEL SHOP -
WORLDWIDE FAST MAIL
ORDER SERVICE**

[illegible]



Resting inside Sir Sydney Camm's Gallery of the RAF Museum, Hendon, is this Mk 1B. This is a late series example with a one-piece teardrop canopy. Of note is the extended 'stirrup' style foothold on the starboard side (R.J. Canuana)

development not related to five main types, that is Spitfire, Hurricane, Blenheim, Whitley and Wellington, had to be postponed, dealt the Tornado/Tempest programme a further nine-month delay.

The Focke Wulf Menace

Trials pilots had more than once put in doubt the Typhoon's ability to become an interceptor in the Hurricane or Spitfire class. But just as the type's ability was being questioned, the RAF's main fighters, including the Spitfire Mk V, were finding their existence extremely difficult following the appearance of the superb Fw 190. This resulted in a rekindling of the Typhoon's programme, in an effort to meet the new menace.

With Hawker fully committed to Hurricane production the Typhoon's responsibility was passed on to Gloster Aircraft. Their first production aircraft (R7576) flew on May 27, 1941 and was hardly distinguishable from the prototypes, the 12-gun (0.303in) wing armament being retained. Powered by the 2,100hp Sabre I, this version was designated Typhoon Mk 1A. The Mk 1B was the four-cannon version, still retaining the car-door type cockpit access; very soon the rear cockpit fairing was removed and replaced by a transparent section. Eventually the whole canopy was replaced by a one-piece tear-drop clear unit which slid aft, replacing the cumbersome earlier arrangement. Meanwhile, the Tornado programme came to a halt as the promising Vulture engine had to be abandoned; its problems persisted and

Rolls-Royce were ordered to concentrate all efforts on developing the Merlin further.

The Sabre's problems were virtually solved with the appearance of the Sabre II which replaced its early version on the Typhoon production line. This offered a jump in power output (2,180hp), and was progressively improved as the Sabre IIB (2,200hp) and IIC (2,260hp). No amount of power, however, seemed to be quite enough for such a massive aircraft, rate of climb and high-level performance remaining rather unimpressive. Still, the Typhoon certainly impressed at low level, enough to encourage its quick entry into service to tackle the Fw 190.

The Typhoon menace

Typhoons began to arrive at operational units for conversion, the first going to No 56 and 609 at Duxford in the form of a mixture of Mk 1As and 1Bs. Engine fires persisted, and structural failures were also experienced during the work-up period. By November of 1941, the units were moved to Biggin Hill and Manston to start

operations, notwithstanding the clear indications that the aircraft was probably more of a menace to its pilots than to the enemy!

The first nine months of operations became a nightmare to pilots and ground crews alike, mainly due to a number of fatal crashes caused by the loss of the tail unit, especially when recovering from a dive. The losses, at times, reached alarming levels: 92% of Typhoons in service had experienced serious problems through airframe or engine failures. This was slightly offset by some

successes against the dreaded Focke Wulf fighter (and the Messerschmitt Me 210) during low level operations. Other problems cropped up: there were cases of cannon gasses seeping into the cockpit, causing more fatalities. Hispano cannon shortages also slowed down the Typhoon production line, as other fighters were being fitted with this powerful armament.

By March 1942, the Typhoon had earned itself a certain degree of respect from Focke Wulf pilots, and there was no other RAF fighter to match its potential at tree-top level. But once a Typhoon was caught at higher level, it could not out-manoeuvre an opponent without losing its tail! In August, Typhoons shot down three Fw 190s south of Le Treport during the Dieppe operations; two Typhoons went missing after losing their tail following violent manoeuvres during dog-fighting. The cause was finally traced to the fuselage/tail joint. This was cured by applying external fish-plates to reinforce this joint. The Typhoon's ability to withstand enormous enemy fire, thanks to its robust structure and its thick wing made it practically indestructible. Those features which had marred the Typhoon's character as a pure fighter were the same features which launched its new and successful career.

Ground Attack

At one time, Boscombe Down was invaded by Typhoons undergoing all sorts of tests with appendages under the wings: fuel tanks, bombs, bomb clusters, smoke canisters, mines and even rockets. Twelve of these Typhoons were involved in the rocket trials; the rockets themselves were very simple affairs and needed a certain amount

of training in their use against moving targets if they were to hit anything at all! Being made up of no more than a 76mm (3in) diameter pipe filled with rocket propellant, a 27kg (60lb) warhead and finlets to give some form of stability, these rockets had the tendency to 'fall' after being fired, due, no doubt, to their being nose heavy.

The first daylight 'Rhubarb' by Typhoons of No 609 Squadron was launched on November 17, 1942. By the end of April 1943, 609 would have put over 100 locomotives out of action and shot down 14 Fw 190s. No 74, 181, and 245 Squadrons followed suit, and began to make their presence felt in the offensive sweeps, depositing bombs over France, Belgium and the Netherlands, earning a new name: 'Bombphoons'. Underwing bombs gradually increased from 112kg (250lb) to 225 (500lb) and eventually to 454kg (1000 lb). But it was also a period when the Typhoons were being withdrawn from the squadrons for modifications to the wings for rocket attachment points. Pilot training with this new weapon usually consisted of seeking 'operational' targets in the English Channel, wrecking havoc among enemy shipping of all forms. By 1944, 22 squadrons were operational with the Typhoon within the newly formed Tactical Air Force (TAF) which relieved the type from defence duties. By that time, the aircraft had reached a development peak, was well equipped, was powered by a more reliable engine, while the nightmare of parting tails was a thing of the past.

As D-Day approached, the Typhoon was called to clear the way for Operation Overlord, hitting coastal positions, including radar installations which, if left operational,



A standard Mk 1B Typhoon with four wing cannon installed and early style car-door cockpit cabin. Notable features in this view include the cannon blisters and walkway on the wing, and the fish-plate strengtheners around the rear fuselage. Note also part of the 24" white/12" black underwing bands on the mainwheel door (Hawker Aircraft)



Typhoon FS. 595 Colour Equivalents

● Colour FS.595a

Medium Sea Grey	6270
Dark Grey (Mixed Grey)	6173
Ocean Grey	6152
Dark Green	4079
Sky	4424
Ident Red (Dull)	0109
Ident Blue (Dull)	5044
Ident White (Dull)	7778
Yellow (Trainer)	3538
Night	7038
Dk. Mediterranean Blue	5053
Light Earth	0257
Assured Blue	5231
Grey-Green (Interior)*	4226/4227

*Sometimes interiors on Typhoons were painted black

could have completely disrupted the Normandy landings. During and after the landings, Typhoons decimated over 130 enemy tanks, thus opening the way for the advancing Allied armies. On October 24, 1944 one of the most daring raids of the war was staged by No 193, 197, 257, 263 and 266 Squadrons. Under the command of Group Captain DE Gillam, they attacked the German Headquarters of the Fifteenth Army at Dordrecht, flying in three waves. Two top German generals and more than 70 high-ranking officers were killed in this well planned and brilliantly executed attack.

By January 1945, Typhoons were operating from Dutch airfields and were considered as the best ground attack aircraft conceived during the war. With 3,317 examples built, the Typhoon saw very little development

beyond its basic version. Typhoon Mk 1B R7881 was experimentally fitted with a A.I. Mk VI radar for a night-fighter project which never materialised. Engine developments, however, continued and Napier designed an annular radiator for the Sabre engine in an effort to eliminate drag induced by the large nose radiator. Such an installation was tested on Typhoon 1B R8694 which reached an impressive 452 mph. Although this did not progress any further than the experimental stage, it provided invaluable information for the development of such a cowling for the Tempest II.

The FR.1B was a photo recon version housing two vertical cameras in the rear fuselage or a forward-facing cine camera in place of the port inboard cannon. This conversion from existing Typhoon stocks

was limited to some 60 examples.

War's end also marked the demise of the Typhoon from front line service, its role being taken over by its stablemate, the Tempest. Completely disastrous in the role for which it was designed, the Typhoon opened a new chapter in aviation warfare, that of the small, fast well-armed ground attack aircraft which created havoc among ground armoured vehicles. Unfortunately its virtues went unsung during its career, due no doubt to its lack-lustre debut. However, it will long be remembered by those who flew it – be it for its good or bad memories – especially as it could withstand a lot more punishment than any other aircraft of its configuration and size, while delivering a deadly punch.

Richard J Caruana

Hawker Typhoon Mk 1B Specification

Power Plant:

One Napier Sabre Mk IIA, 24-cylinder H-cross-section liquid-cooled engine, rated at 2,180hp at sea level a 1,830hp at 3500m (11,500'), driving a de Havilland Hydromatic three- or four-bladed constant speed propeller of 427cm (14') diameter

Armament:

Four x 20mm Hispano cannon with 140 rpg, two in each wing. Up to two x 454kg (1000lb) of bombs on underwing pylons, or up to eight x 27kg (60lb) rockets

Performance:

Maximum speed – 653km/h (405mph) at 5 486m (18,000'); cruising speed – 409km/h (254mph) at 4 572m (15,000'); time to 4 572m (15,000') – 6mins 12secs; service ceiling – 10 360m (34,000'); range – 982km (610miles) clean; 1 610km (1000miles) with two x 205 litre (45 gall) drop tanks; endurance – 2hrs 25mins (3hrs with drop tanks)

Weights:

empty – 4 450kg (9,800lb); maximum take-off – 5 170kg (11,400lb)

Dimensions:

Span – 12.65m (41' 7"); length – 9.73m (31' 11"); height – 4.66m (15' 3.5"); wing area – 23.13m² (249 sq ft); undercarriage track – 4.13m (13' 7")

The Typhoon won its laurels as a potent ground attack aircraft armed with its eight 20mm cannon and up to eight rocket projectiles. This picture was taken at a captured airfield in France soon after D-Day. Note how the previous unequal black/white wing bands have now been substituted with the equal 18" 'invasion' stripes of the same colours (R.J. Caruana Archives)



HAWKER Typhoon

HAWKER TYPHOON Mk.1A
Port Profile

HAWKER TYPHOON Mk.1B
Port Profile
Late Series

HAWKER TYPHOON
Cross-Sections

HAWKER TYPHOON Mk.1B
Front View

DeHavilland or
Rotol Hydromatic
propeller

Note 6-gun
wing

Scrap View of
Starboard front fuselage
detail

DRAWINGS BY
RICHARD J. CARUANA
© 2000

Four-bladed
propeller
on Sabre IIC

Exhausts on raised
plynch on some aircraft

Inner face
of port mainwheel

Extended
footstep

Undercarriage
lock indicator

Cooler shutter
shown open

Flaps fully
extended

454kg (1000lb)
bomb and pylon

60lb HE SAP
rockets

0 metres 1 2
0 feet 3 6

SCALE: 1/48

Scrap view of
rockets and launchers

0 metres 1 2
0 feet 3 6
SCALE: 1/48

Wing blisters
removed on late
production models

HAWKER TYPHOON Mk.1B
Upper Plan

454kg (1000lb)
bomb

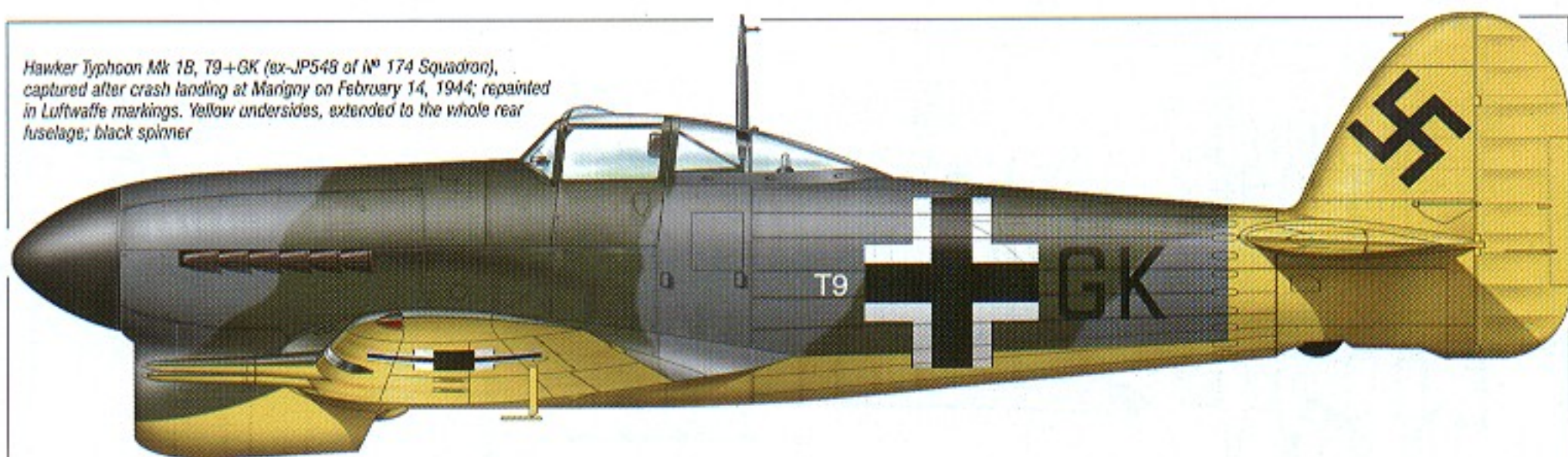
HAWKER TYPHOON Mk.1B
Inverted Plan

Note position of
bomb pylon

Scrap view of
Typhoon Mk.1A
(6-gun) wing

DRAWINGS BY
RICHARD J. CARUANA
© 2000

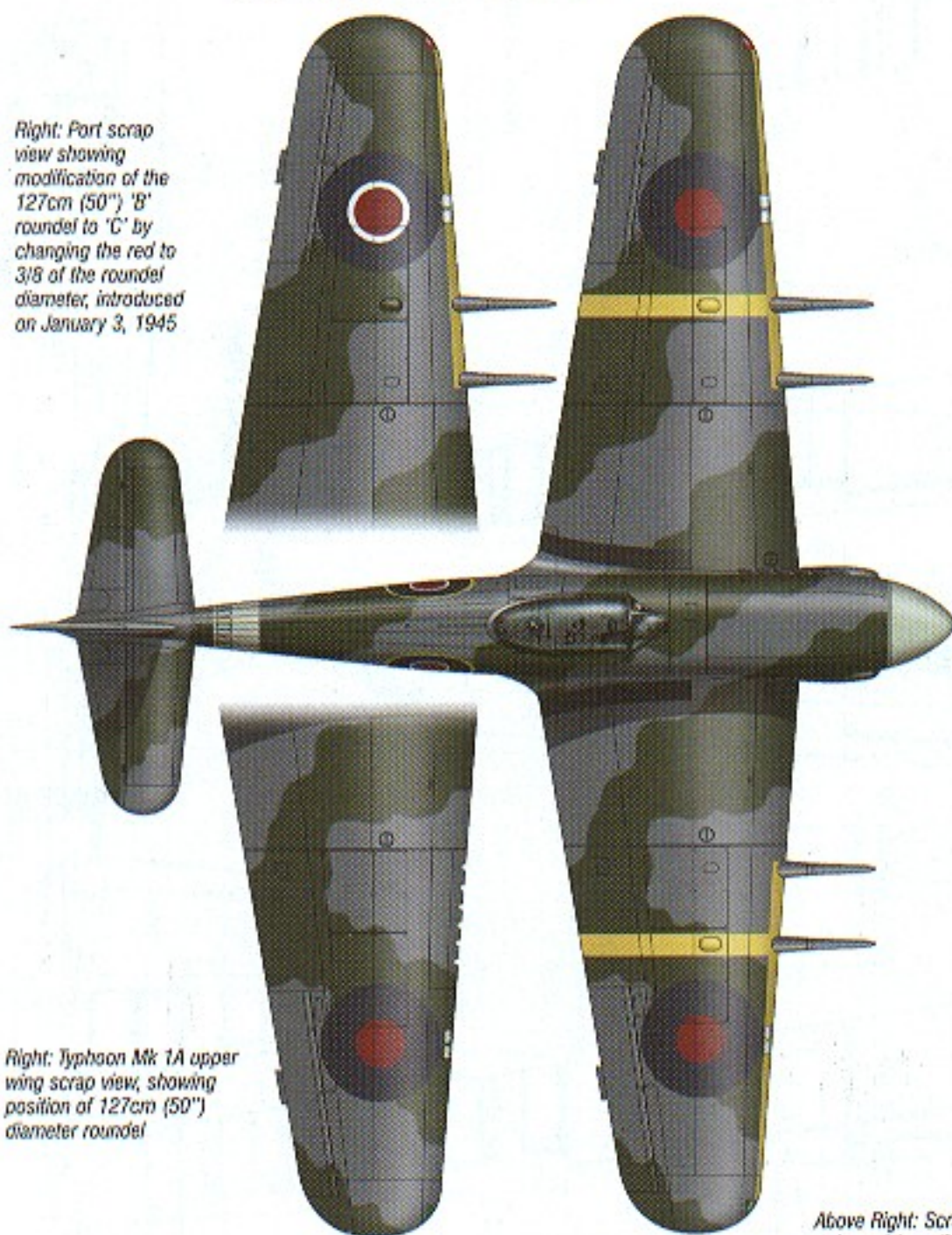
Hawker Typhoon Mk 1B, T9+GK (ex-JP548 of N° 174 Squadron), captured after crash landing at Marigny on February 14, 1944; repainted in Luftwaffe markings. Yellow undersides, extended to the whole rear fuselage; black spinner



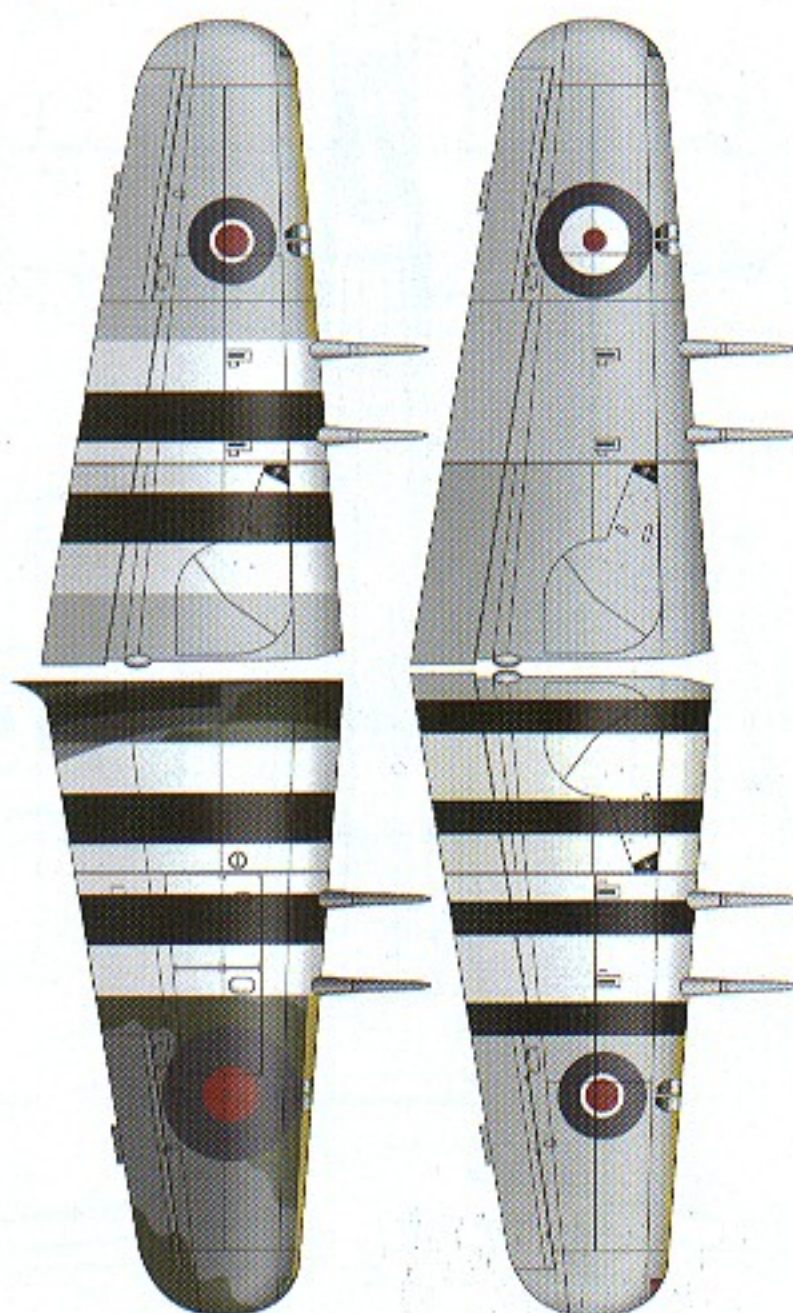
Below: Main view shows standard camouflage pattern of Ocean Grey and Dark Green upper surfaces with post-July 42 markings, including 30.5cm (12") yellow leading edges and yellow 23cm (9") chordwise identification band. 127cm (50") diameter 'B' type roundels

Below Left: Scrap view showing underside 'invasion' stripes, 46cm (18") wide, starting from outer cannon. 81cm (32") diameter 'C' roundel
Below Right: Scrap view showing underside of early 157cm (42") diameter 'X' type roundel
Note: All underside are in Medium Sea Grey

Right: Port scrap view showing modification of the 127cm (50") 'B' roundel to 'C' by changing the red to 3/8 of the roundel diameter, introduced on January 3, 1945



Right: Typhoon Mk 1A upper wing scrap view, showing position of 127cm (50") diameter roundel



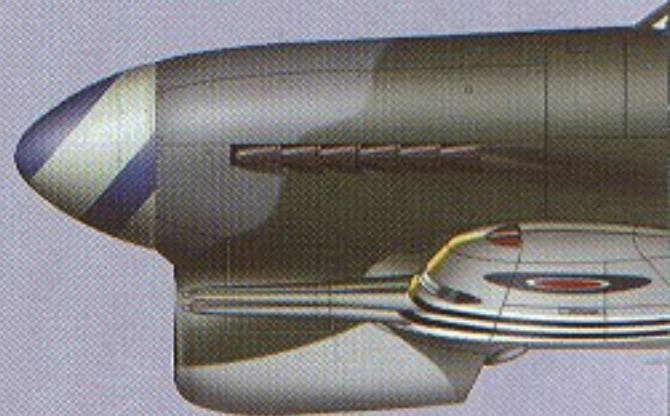
Above Right: Scrap view showing special underside identification markings markings, 30.5cm (12") black stripes, 61cm (24") apart; eventually the space between the black stripes was painted white. Standard 81cm (32") diameter 'C' roundel

Above Left: Scrap view showing upper 'invasion' stripes, 46cm (18") wide, starting from outer cannon. 'B' roundel remained 127cm (50") diameter

Hawker Typhoon Mk 1B, MN363ZY-Y, of N° 247 Squadron, France, June 1944. Full 'invasion' stripes, 46cm (18") in black and white around fuselage and wings. Sky spinner, codes and part of rear fuselage band.



Modelling the... Hawker Typhoon



• Kits

1/72nd Scale

Manufacturer	Type	Kit No.	Subject	Availability	Remarks
Academy	IM	1654	Typhoon Mk Ib	CA	
Airfix	IM	1027	Typhoon Mk Ib	CA	
Aviation Usk Ltd	IM	1005	Typhoon Mk Ib	CA	
Czech Master Resin	R	1077	Typhoon Mk Ib (Early)	CA	
Heller	IM	79727	Typhoon Mk Ib	CA	Ex-Airfix (Also in 'Rapid Kit' series)
High Planes Ltd	IM	7234	Typhoon Mk Ib with rockets	CA	
Macquette	IM	2003	Typhoon Mk Ib Canard	OP	Ex-Frog
RPM	IM	72029	Typhoon Mk Ib	CA	Ex-Frog

1/48th Scale

Hasegawa	IM	09311	Typhoon Mk Ib (4 bld prop)	CA	
Hasegawa	IM/R	CH40	Typhoon Mk Ib 'Superdetail'	LE	
Hasegawa	IM	JT059	Typhoon Mk Ib Canard	CA	
Hasegawa	IM	JT060	Typhoon Mk Ib 'Teardrop'	CA	
Hasegawa	IM	JT183	Typhoon Mk Ib 'Early'	CA	
Monogram Series	IM	6136	Typhoon Mk Ib	CA	Reissued in 'Monogram Classic'

1/32nd Scale

Revell	IM	4863	Typhoon Mk Ib	OP	
--------	----	------	---------------	----	--

• Collectors' Corner

What follows is a list of older kits, most of which are no longer available, but which are shown here for the sake of completeness.

Manufacturer	Type	Scale	Kit No.	Subject	Released	Remarks
Airfix Corporation of America	IM	1/72nd	10-39	Typhoon Mk Ib	1963	Ex-Airfix
Air Lines	IM	1/72nd	59900	Typhoon Mk Ib	1966	Ex-Frog
Bandai	IM	1/48th	8930	Typhoon Mk Ib	1976	Ex-Monogram
DR	IM	1/72nd	U-3888	Typhoon Mk Ib Bubbletop		Ex-Frog
Double Eagle Hobby	VF	1/72nd		Typhoon Mk Ib	1991	Never Issued
Eagle	IM	1/32nd		Typhoon Mk Ib	1960s	
Eaglewall	IM	1/32nd		Typhoon Mk Ib	1962	Ex-Eagle
Frog	IM	1/72nd	389P	Typhoon Mk Ib Bubbletop	1969	
Frog	IM	1/72nd	F231	Typhoon Mk Ib Canard	1975	
Frog Penguin	IM	1/72nd	101P	Typhoon Mk Ib	1946	
Hasegawa	IM	1/48th	HM13	Typhoon Mk Ib	1992	Ex-Monogram
Hens	IM	1/72nd	F209H	Typhoon Mk Ib	1999	Ex-Frog
JMK	VF	1/72nd		Typhoon Mk Ib	1991	Never Produced
(See Double Eagle Hobby)						
Master Models	R	1/72nd		Typhoon Mk Ib	1992	
Minicraft	IM	1/72nd	200	Typhoon Mk Ib	1972	Ex-Frog
Mink	IM	1/72nd	F209M	Typhoon Mk Ib	1969	Ex-Frog
Nova	IM	1/72nd	76004	Typhoon Mk Ib Bubbletop	1977	Ex-Frog
Nova	IM	1/72nd	76078	Typhoon Mk Ib Canard	1978	Ex-Frog
NovaExport	IM	1/72nd	76004	Typhoon Mk Ib Bubbletop	Late 1970s	Ex-Frog
NovaExport	IM	1/72nd	78121	Typhoon Mk Ib Canard	1982	Ex-Frog
Plasma Plane	IM	N/A		Typhoon Mk Ib	1944	
Sankyo	IM	1/150th		Typhoon	Late 1950s	
Samwa	IM	1/93rd	1108	Typhoon	1960s	
Tashigushika	IM	1/72nd	TG-66	Typhoon Mk Ib Canard	1960s	Ex-Frog

• Accessories

1/72nd Scale

Manufacturer	Product No.	Subject	Availability	Remarks/Donor Kit
Aeroclub	C064	Typhoon Early 'Canard' Canopy	CA	
Aeroclub	C065	Typhoon Late 'Canard' Canopy	CA	
Aeroclub	C066	Typhoon 'Bubble' Canopy	CA	
Aeroclub	G040	Typhoon Early Cannon Barrels	CA	
Aeroclub	G041	Typhoon Late Cannon Barrels (x4)	CA	
Aeroclub	P069	Typhoon/Tempest 4-Blade Propeller	CA	
Aeroclub	P097	Rotor 3-Blade Propeller & Spinner	CA	
Aeroclub	V039	Typhoon Detail Set	CA	Airfix
Aeroclub	V145	Typhoon Large Tailplanes	CA	
Airkit	D016	Typhoon Instrument Panel	OP	
Airmodel	AM-105	Typhoon Mk Ib Canopy	OP	
Airwaves	72197	Typhoon Flaps	CA	
BMW	0272	Instrument Panels	OP	Inc Typhoon Academy
CMK	7022	Typhoon Mk Ib Interior	CA	Academy
Eduard	XS046	Canopy Mask for Typhoon Mk Ib	CA	Academy
Eduard	72304	Typhoon Mk Ib	CA	
Engines & Things	72040	Napier Sabre	CA	
Maintrack Models	7236	Tomado Prototype	CA	
Squadron	9110	Typhoon/Tempest Canopy (x2)	CA	

1/48th Scale

Arba	48078	'Tempest' Tailplanes for Typhoon	CA	Hasegawa
Airwaves	C48079	Typhoon Detail Set	CA	Monogram
Airwaves	S48035	Typhoon 44 Gallon Drop Tanks	CA	
Airwaves	S48053	Typhoon PR Conversion	CA	
Airwaves	S48054	Typhoon FR Conversion	CA	
BMW	1248	Instrument Panels	OP	Inc Typhoon Hasegawa
Cutting Edge	CEC48131	Typhoon Super Detailed Cockpit Set	CA	
Cutting Edge	CEC48148	Typhoon Pilot's Seats	CA	
Cutting Edge	CEC48150	Typhoon Fishtail Exhausts	CA	
Cutting Edge	CEM48198	Paint Masks for Typhoon Canard	CA	Hasegawa
Cutting Edge	CEM48199	Paint Masks for Typhoon Bubbletop	CA	Hasegawa
Cutting Edge	CEM48200	Paint Masks (Typhoon Camouflage)	CA	Hasegawa
Cutting Edge	CEM48201	Paint Masks (Typhoon D-Day stripe)	CA	Hasegawa
Cutting Edge	CEM48202	Paint Masks (Typhoon ID stripes)	CA	Hasegawa
Cutting Edge	CEM48203	Paint Masks (Wheel Hubs)	CA	True Detail 48036
Eduard	48186	Typhoon	CA	Monogram
Eduard	48275	Typhoon Mk Ib	CA	Hasegawa
Eduard	48297	Typhoon 'Bubble Top'	CA	Hasegawa
Eduard	XF006	Paint masks for Typhoon Mk Ib	CA	Hasegawa
Eduard	XF023	Paint masks for Typhoon	CA	'Bubble Top' Monogram
Engines & Things	48043	Napier Sabre Inc Bulkhead	CA	Monogram
Engines & Things	48182	Napier Sabre IIB	CA	Eduard (Tempest)
Falcon	3148	RAF WWII	CA	Inc Typhoon
KWC	484011	Typhoon Mk Ib Update Set	OP	Monogram
KWC	484018	Typhoon Mk Ib 'Canard' Conv	CA	Monogram
KWC	485056	Typhoon Control Surfaces	OP	Monogram
Missing Link	16	Typhoon Mk Ib Canard Conv	OP	Monogram
Squadron	9510	Typhoon Canopy (x2)	CA	
Squadron	9534	Typhoon 'Canard' Canopy	CA	
True Details	48036	Typhoon Main Wheels	CA	

1/32nd Scale

BMW	2232	Instrument Panels	OP	Inc Typhoon
Horizon	3211	Typhoon Canopy & Spinner	OP	Revell
Mole Miniatures		Typhoon Rockers	OP	Also issued under
Mole Valley Models &				

• Custom Miniatures labels

Paragon Designs	32032	Typhoon Mk Ib Inc Rockets	CA	Revell
Touchdown		Typhoon Mk Ib Bubbletop Conv	OP	Revell

• Decals

1/72nd Scale

Manufacturer	Product No.	Subject	Availability	Remarks
ADS	001-72	Typhoon PL1	OP	
ADS	003-72	Typhoon PL2	OP	
Eagle Strike	72009	Typhoon Mk Ib Invaders (x5)	CA	
Superscale	72303		OP	Inc Typhoon
Superscale	72675	RAF Aces	CA	Inc R. Beaumont Typhoon
Superscale	72719	Typhoon (x2)	OP	
Xtradecal	X06972	Normandy Invasion	CA	Inc Typhoon TP-E of No.198 Sqn

1/48th Scale

ADS	001-48	Typhoon PL1	OP	
ADS	002-48	Typhoon PL2	OP	
AeroMaster	48059	Storms in the Sky	OP	Typhoon (x5)
AeroMaster	48282	Storms in the Sky PL2	OP	Typhoon (x4)
AeroMaster	48283	Storms in the Sky PL3	CA	Typhoon (x4)
AeroMaster	48284	Storms in the Sky PL4	CA	Typhoon (x4)
AeroMaster	48372	Storms in the Sky PL6	OP	Canard Typhoon (x4)
AeroMaster	48373	Storms in the Sky PL9	CA	Canard Typhoon (x4)
AeroMaster	48436	Storms in the Sky PL10	CA	
AeroMaster	48480	Storms in the Sky PL11	CA	
AeroMaster	48491	Storms in the Sky PL12	CA	
Superscale	48543	Typhoon Mk Ib (x5)	CA	
Xtradecal	X03848	Normandy Invasion	CA	Inc Typhoon TP-E of No.198 Sqn

1/32nd Scale

ADS	001-32	Typhoon PL1	OP	
Eagle Strike	32006	Marauding Typhoons	CA	Typhoon (x3)

Key

CA	Currently Available	OP	Out of Production
EB	Etched Brass	R	Resin
IM	Injection Moulded Plastic (Inc Limited-run)	VF	Vac-formed Plastic
		WM	White Metal (Inc Pewter)



SHORT STIRLING "CLOSE ENCOUNTER"

By Iain Wyllie

Size: 16 1/2" x 11 1/16"
(420mm x 297mm)

Image Size: 14 7/16" x 9 5/16"
(367mm x 237mm)

Price £11.00 UK Post Paid.

Kestrel Publishing,
48 Station Road, Waddington, Lincoln LN5 9QN.
Telephone: 01522 720122
Fax: 01522 723719

Overseas customers please pay
by Credit Cards: Visa/Mastercard/Switch/American Express accepted

TRADE ENQUIRIES WELCOME



"Polish Fighters in
September 1939"

Hard cover, 480 pages
\$59.99 USD



"Operation Barbarossa
Air Battles 1941"

Illustrated with 137 photographs
\$22.99 USD



Dornier Do 335
\$19.99 USD



A6M ZERO
\$19.99 USD



Luftwaffe over the Sea
\$19.99 USD

AIRCONNECTION

Phone: 905 785-0016

Fax: 905 785-0582

E-mail: sale@airconnection.on.ca

VISA & MASTER CARD
ACCEPTED

NO SHIPPING
CHARGES IN
NORTH AMERICA

PRONTO MODEL ITALIAN MAIL ORDER ORGANISATION

SUPERMODEL 1/72

SP001 - FIAT G 55 CENTAURO - Euro 5,16
SP002 - REGGIANE Re 2000 - Euro 5,16
SP003 - REGGIANE Re 2001 - Euro 5,16
SP004 - REGGIANE Re 2002 - Euro 5,16
SP005 - CANT-Z 1007 BIS Monodrive - Euro 14,46
SP006 - CANT-Z 1007 BIS Bideriva - Euro 14,46
SP008 - SAVOIA MARCHETTI SM 81 - Euro 14,46
SP009 - FIAT CR 32 - Euro 5,16
SP010 - MACCHI MC 202 FOLGORE - Euro 5,16
SP011 - MACCHI MB 326 E - Euro 6,71
SP012 - MACCHI MB 326 K - Euro 6,71
SP015 - CANT-Z 505 ALCIONE - Euro 14,46
SP017 - BLOHM und VOSS bv 138 - Euro 14,98

Cunardmodel (resin kits) 1/72

C 001 - SHORT S.C.1 - Euro 27,89
C 002 - FIAT G 59-4A/B - Euro 27,89
C 003 - S.A.I. AMBROSINI S.S.4 - Euro 27,89
C 004 - SIAI MARCHETTI SF 260 - Euro 27,89
C 005 - SIAI MARCHETTI S211A - Euro 27,89
C 006 - REGGIANE RE 2005 - Euro 27,89
C 007 - ALENIA/MACCHI AMX-T - Euro 34,09
C 008 - BREDAS BA 201 - Euro 34,09
C 009 - ALENIA/MACCHI AMX "Ghibli" - Euro 34,09
C 011 - PIAGGIO P 166-DL3 - Euro 34,09
C 012 - FIAT G 91 T - Euro 34,09

GAE publications (It/Eng. text)

GAE 15 - Piaggio P 108 Bomber - Euro 15,49 NEW!

FREEMS 1/48 plastic kits

FRO189/SC - AERMACCHI MB 339 PAN - Euro 23,24
FRO289/SC - AERMACCHI MB 339 A with wing
armament, decals for Italian, Argentinian, Dubai, Peru,
Air Force - Euro 25,82

NEW DOLPHIN MODEL 1/48

D-005 - GENERAL ELECTRIC J 47 GE 27-Euro 36,15
Resin kit with white metal and photoetched parts
Trolley in aluminium and photoet. parts included

TAURO MODEL DECALS SUPER OFFER

1/32 SCALE

TM32/511 - Luftw. Stencils, Bf 109 - 110 - Euro 4,44
TM32/513 - Luftw.nat.insig. Bf109, Fw190 - Euro 4,44
TM32/515 - Luftw.nat.insig. Bf109, Fw190 - Euro 4,44
TM32/517 - Luftw.nat.insig. Bf110, Fi 156 - Euro 4,44
TM32/518 - Luftw.nat.insig. Me262, Bf110 - Euro 4,44
TM32/525 - Luftw.nat.insig. Bf109, Me163 - Euro 4,44
TM32/536 - Luftw.nat.insig. Bf109, Me262 - Euro 4,44

TAURO MODEL KITS SUPER OFFER

TM R001 - Fiat (N.A.) F86K resin with decals 1/72
Euro 35,12 - Euro 25,82 !!!!

Tauro Model catalogue Euro 4,65 (6,71 by air)

OLD WINGS MODEL (ex L.B.)

Resin Conversion Kit

OWK 01 - SAVOIA MARCHETTI SM 83 - 1/72 - Euro 36,15

OWK 02 - CRDA CANT Z 505 civilian - 1/72 - Euro 28,41

OWK 04 - AVRO LANCASTERIAN - 1/72 - Euro 25,31

Resin Full Kit (No decals)

OWK 01 - AVIA FL 3 closed canopy - 1/72 - Euro 33,57

OWK 02 - AVIA FL 3 open canopy - 1/72 - Euro 33,57

OWK 03 - SAIMAN 202 M - 1/72 - Euro 33,57

OWK 04 - SAVOIA MARCHETTI SM 89 - 1/72 - Euro 74,09

OWK 05 - FIAT G 18 - 1/72 - Euro 77,47

OWK 06 - CANT Z 1015 Torpedo Bomber - 1/72 - Euro 77,47

OWR 01 - REGGIANE Re 2001 Fighter - 1/48 - Euro 54,23

OWR 02 - REGGIANE Re 2001 Delta - 1/48 - Euro 54,23

OWR 03 - REGGIANE Re 2001 Night Fig. - 1/48 - Euro 54,23

OWR 04 - REGGIANE Re 2002 - 1/48 - Euro 54,23

UPGRADE SETS 1/72

OWS 01 - Nacas engines etc. for SM 82 - Euro 18,08

OWS 02 - Nacas engines etc. for SM 79 - Euro 18,08

OWS 03 - Nacas engines etc. for Caproni Ca 133 - Euro 12,91

OWS 04 - Nacas engines etc. for C2 1007 bis - Euro 23,24

OWS 05 - Correct wings for SM 79 - Euro 23,24

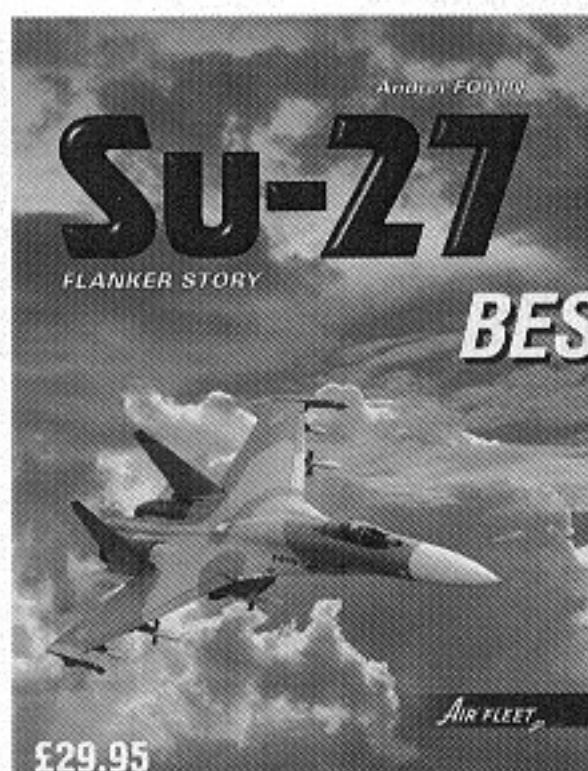
IF YOU WANT THE NEW COMPLETE LIST OF THE 2000, SEND US
Lit. 6,000 IN MONEY OR PAY BY VISA, MASTERCARD, EUROCARD TO:

P.O. BOX 32A 10022 CARMAGNOLA (TO) ITALY

OR FAX US YOUR REQUEST: ++39-011-9713983

ITALIAN/ENGLISH PAGES internet:

www.karmanet.it/prantomd



£29.95

Publisher: AIR FLEET

125057, Moscow, Russia, P. O. Box 77

Tel.: +7(095) 158-33-05, 158-95-01,

158-98-81; Fax: +7(095) 956-01-07

e-mail: af@airfleet.ru; www.airfleet.ru

AIR FLEET
presents

**RUSSIAN
BESTSELLER!**

336 pages

Entire development
story

All versions

Operation and exports

Full technical description

Over 500 colour photos

18 pages of drawings in
scale 1/100

60 colour profiles

4 full-colour posters
with cut-away drawings

Is available at:

The Aviation Bookshop 656 Holloway Road, London N193PD

Tel: 0207 272 3630; Fax: 0207 272 9761

Foyles Bookshop 113-119 Charing Cross Road, London WC2H 0EB

Tel: 020 7440 3241; Fax: 020 7434 1580; E-mail: sales@foyles.co.uk

Key Publishing Ltd. P.O. Box 100, Stamford, Lincolnshire PE9 1XQ

Tel: 01780 755131; Fax: 01780 757261; E-mail: orders@keymags.co.uk

Midland Counties Publications Unit 3, Maizefield, Hinckley, Leics, LE10 1YF

Tel: 01 455 233 747; Fax: 01455 233 737; E-mail: midlandbooks@compuserve.com

Motor Books 33 St. Martin's Court, London WC2N 4AN

Tel: 0207 836 5376; Fax: 0207 497 2539; E-mail: info@motorbooks.co.uk

Dealers invited

Roll Model's 2000 Catalog #2 just \$5.00. Available in the WORLD!

100

Phone Hours: 9:30 AM - 5:30 PM CST Mon-Fri

P.O. Box 37066 • Golden Valley, MN 55437-0066 USA

P.O. Box 27066 • Golden Valley, MN 55427-0066 USA

763-545-0300 Fax 763-545-0800

/63•545•0399 Fax /63•545•0899

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
10/1/2010	DEPOSIT	100.00			10/1/2010	DEPOSIT	100.00		
10/2/2010	DEPOSIT	100.00			10/2/2010	DEPOSIT	100.00		
10/3/2010	DEPOSIT	100.00			10/3/2010	DEPOSIT	100.00		
10/4/2010	DEPOSIT	100.00			10/4/2010	DEPOSIT	100.00		
10/5/2010	DEPOSIT	100.00			10/5/2010	DEPOSIT	100.00		
10/6/2010	DEPOSIT	100.00			10/6/2010	DEPOSIT	100.00		
10/7/2010	DEPOSIT	100.00			10/7/2010	DEPOSIT	100.00		
10/8/2010	DEPOSIT	100.00			10/8/2010	DEPOSIT	100.00		
10/9/2010	DEPOSIT	100.00			10/9/2010	DEPOSIT	100.00		
10/10/2010	DEPOSIT	100.00			10/10/2010	DEPOSIT	100.00		
10/11/2010	DEPOSIT	100.00			10/11/2010	DEPOSIT	100.00		
10/12/2010	DEPOSIT	100.00			10/12/2010	DEPOSIT	100.00		
10/13/2010	DEPOSIT	100.00			10/13/2010	DEPOSIT	100.00		
10/14/2010	DEPOSIT	100.00			10/14/2010	DEPOSIT	100.00		
10/15/2010	DEPOSIT	100.00			10/15/2010	DEPOSIT	100.00		
10/16/2010	DEPOSIT	100.00			10/16/2010	DEPOSIT	100.00		
10/17/2010	DEPOSIT	100.00			10/17/2010	DEPOSIT	100.00		
10/18/2010	DEPOSIT	100.00			10/18/2010	DEPOSIT	100.00		
10/19/2010	DEPOSIT	100.00			10/19/2010	DEPOSIT	100.00		
10/20/2010	DEPOSIT	100.00			10/20/2010	DEPOSIT	100.00		
10/21/2010	DEPOSIT	100.00			10/21/2010	DEPOSIT	100.00		
10/22/2010	DEPOSIT	100.00			10/22/2010	DEPOSIT	100.00		
10/23/2010	DEPOSIT	100.00			10/23/2010	DEPOSIT	100.00		
10/24/2010	DEPOSIT	100.00			10/24/2010	DEPOSIT	100.00		
10/25/2010	DEPOSIT	100.00			10/25/2010	DEPOSIT	100.00		
10/26/2010	DEPOSIT	100.00			10/26/2010	DEPOSIT	100.00		
10/27/2010	DEPOSIT	100.00			10/27/2010	DEPOSIT	100.00		
10/28/2010	DEPOSIT	100.00			10/28/2010	DEPOSIT	100.00		
10/29/2010	DEPOSIT	100.00			10/29/2010	DEPOSIT	100.00		
10/30/2010	DEPOSIT	100.00			10/30/2010	DEPOSIT	100.00		
10/31/2010	DEPOSIT	100.00			10/31/2010	DEPOSIT	100.00		
11/1/2010	DEPOSIT	100.00			11/1/2010	DEPOSIT	100.00		
11/2/2010	DEPOSIT	100.00			11/2/2010	DEPOSIT	100.00		
11/3/2010	DEPOSIT	100.00			11/3/2010	DEPOSIT	100.00		
11/4/2010	DEPOSIT	100.00			11/4/2010	DEPOSIT	100.00		
11/5/2010	DEPOSIT	100.00			11/5/2010	DEPOSIT	100.00		
11/6/2010	DEPOSIT	100.00			11/6/2010	DEPOSIT	100.00		
11/7/2010	DEPOSIT	100.00			11/7/2010	DEPOSIT	100.00		
11/8/2010	DEPOSIT	100.00			11/8/2010	DEPOSIT	100.00		
11/9/2010	DEPOSIT	100.00			11/9/2010	DEPOSIT	100.00		
11/10/2010	DEPOSIT	100.00			11/10/2010	DEPOSIT			

www.robertmodels.com

www.farnmodels.com

Vickers Vimy - The Trailblazer

by Rod Holland



History

Built for war but better known for its record breaking exploits across the world, the Vimy was too late to participate in the First World War, only one aircraft (F9569) reaching the Independent Force RAF in October 1918 too late to see operational service, returning to Martlesham Heath for more trials a few days later... This aircraft was the Mk IV prototype and was fitted with Rolls Royce Eagle VIII engines with their distinctive octagonal radiators; it also had modified rudders of a greater chord without fin surfaces ahead of them. The first prototype was actually built in a hole in the ground, as it was found that when the aircraft was assembled it was higher than the roof trusses of the hangar, so the floor was dug away to accommodate the undercarriage. When finished the manufacturer continued to use the hangar, so whenever the aircraft was used it was pushed out manually, and with care, was manhandled up the ramp out of the assembly shed. (It was a funny old war!)

It really became part of aviation history in June 1919 when Captain John Alcock and Lieutenant Arthur Whitten Brown made the first non-stop transatlantic flight in the Vimy that is now preserved at the Science Museum in London. The flight took 16 hours 21 minutes and earned both fliers a knighthood.

Before the year was out two brothers, Captain Ross Smith MC, DFC, AFC and Lieutenant Keith Smith flew another Vimy, G-EAQU (otherwise known as Gawd 'elp all of us!) ex-F8630, from Hounslow to Darwin, Australia between 12th November and 10th December 1919, winning a prize of £10,000. They both received knighthoods. A third great flight was made by Lt Col P. Van Ryneveld DSO, MC and Sqn Ldr C.J. Quintin Brand DSO, MC, DFC between 4th February and 20th March 1920, leaving Brooklands in Vimy G-UABA, named Silver Queen. Unfortunately they crashed seven days later making an emergency landing in the Sudan. A second Vimy was made available to them by the South African Government named Silver Queen II, but this also crashed in Southern Rhodesia. Here they acquiring a weary D.H.9 and this brave pair finally staggered into Cape Town winning a £5,000 prize offered by a newspaper, and were also subsequently knighted.

Early in 1919 Vickers Ltd. began to build passenger-carrying aircraft using Vimy wings, tail surfaces and engine installations. With seats for 10 passengers they were known as Vimy Commercials. The RAF acquired five of these, known in the service as the Vimy Ambulance, which gave long service in the Middle East. It was also known for participating in pioneering air mail services

and when the first British National Airline, Imperial Airways, was formed, among its fleet of de Havilland and Handley Page aircraft was a single Vickers Vimy.

It was in the sixties that the lamented firm Frog models released a 1/72nd scale kit in their 'Trailblazer' series of Alcock and Brown's Vimy. It was one of these, converted to a Commercial of Instone Airlines by master model-maker Tony Woollett using a very early vac-form fuselage, that started me off on my love of WWI aircraft. I have always longed for a 1/48th scale model and I thought it would never happen, so I was most pleased when following the successful release of their Short 184 and huge Felixstowe F2A flying boat T.C. Models released their Vimy (deep joy!).

The Kit

What you get for your money is a lot of kit. It is very heavy and consists of thirty-seven resin parts, two brass frets (the larger of a heavy gauge brass) and seventeen white metal components, five pages of instructions and photographs, but sadly no G.A. (General Arrangement) drawings or decals. More of this later.

With no drawings it is essential that you get hold of either the Datafile Special on the Vickers Vimy by J.M. Bruce, an Albatross Productions publication, or Aircraft Archive

Technical Data

Scale:	1/48th
Status:	New Tooling 'N'
Panel Lines:	Raised & Engraved 'v'
Fabric Effect:	Raised 'v'
Price:	£60.00 + P&P
Type:	Resin, White Metal & Etched Brass
Parts:	Resin 37, Metal 17, Etched 76 & Rigging Wire and Brass Rod
Decal Options:	N/A
Manufacturer:	T.C. Models
Obtain in UK via:	Aeroclub

Vol.3 by Argus Books which includes drawings of the Vimy by G.A. Cox. These have some useful sketches of the engine mountings and the pilot's office. Other references are Aircraft Enthusiast No.29 and Profile No.5. In November and December 1992 Aeroplane Monthly ran two articles by Philip Jarrett and Owen Thetford on the Vimy containing photographs, drawings, colour profiles and a beautiful painting by Kevin Woodcock. These, if you can get hold of them, are very useful.

Construction

A close examination of the parts, particularly the resin pieces, showed that a fair amount of work is needed in filling and cleaning up. It is immediately apparent that the mouldings were handpoured as there was a proliferation of air bubbles, some of these in very difficult



Operation Cleanup! The main components laid out



Just two of those irritating bubbles to be filled



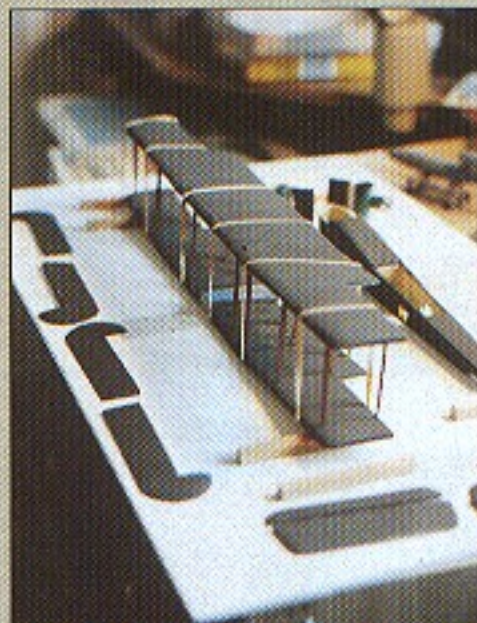
Filling in the engraved turtle back using plastic rod



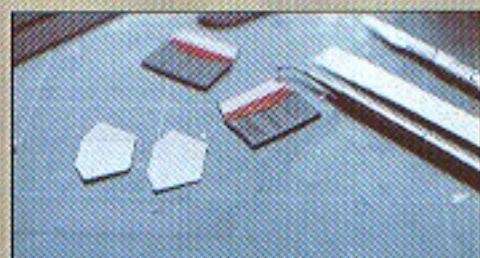
First coat of paint



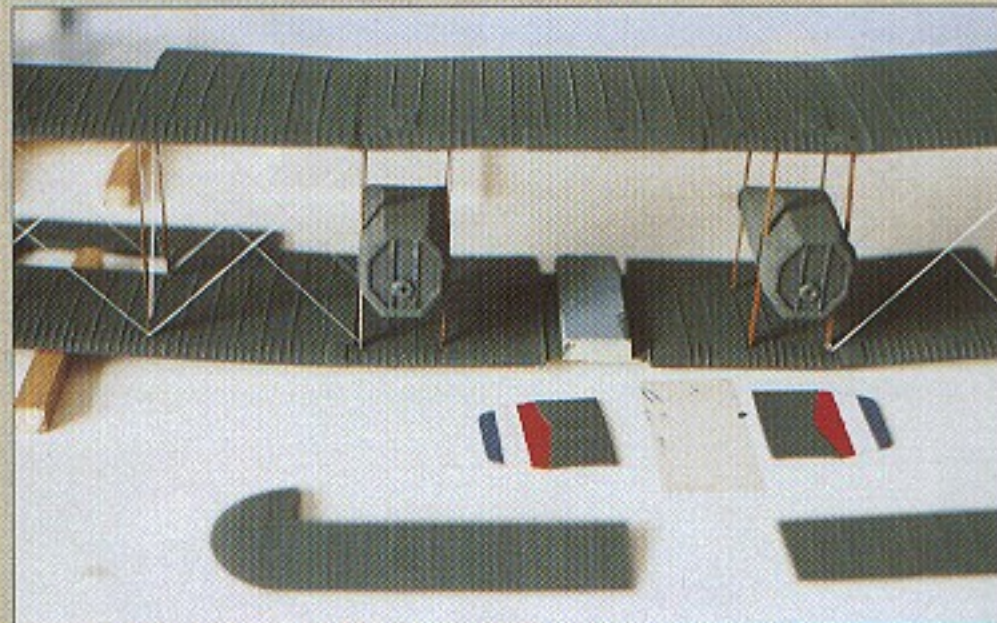
Those heavy-duty struts located



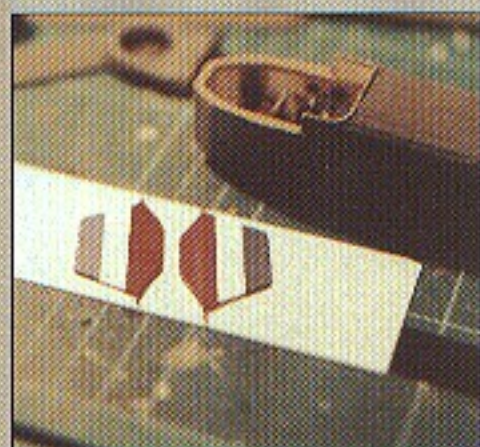
I knew those large rubber bands would come in handy



The new rudders cut from plasticard, embossed using the dental tool shown



Getting the wing cellule ready. Now would be a good time to install the engine exhausts before rigging. Note rudders supplied in the kit



The new rudders fitted with brass wire mounting and painted



The office. Note brass bezels on the instruments. Bomb switches still to be installed



Front end cleaned up

places to get at and deal with. One or two were so large I had to plug them with plastic rod instead of filler!

When checking the model out against my drawings I found that the rear fuselage was twisted and required reshaping; this I did using a grinder, plastic card and filler. Please use a mask when doing this as the amount of dust generated is considerable. The next problem was that the turtleback at the rear of the cockpit was engraved and needed reskinning. I used sections of plastic rod set in the engraved slots, then covered these with a single sheet of tissue varnished into place.

The wings were now assembled, filled where necessary and tidied up. The wings and fuselage are built as separate units for convenience. The wing struts on the heavy-duty brass fret were given a coat of Wood Brown, then a couple of coats of Klear. When dry these were fitted into the lower mainplane followed by the upper wing. These went together surprisingly easily and were given a coat of RFC Green on the upper surfaces and Clear Doped Linen on the undersides. The engines were put together, filled, cleaned and painted. Before inserting them into the wing cellule it is advisable to make up the engine instruments which are carried on the cowlings. The instrument boards are on the small etched brass fret. I went to my decal box

for some instruments which were put onto very thin plasticard, the brass boards were placed over the top and secured into place with clear varnish. When dry these were attached to the inboard sides of the engines. The radiators were painted in a mixture of Matt Black and Silver and highlighted by drybrushing with Silver. The engines then easily slid into position.

I then partially rigged the wings. Whilst some very nice wire is provided for this purpose, being me, I decided to use the Aeroclub rigging material; absolutely no problems, one of the easiest models to rig that I have come across for a long while. The wings were now put to one side for the time being and I returned to the fuselage; the cockpit and front and rear gunners positions were given a coat of a darker shade of cream to the interiors and the struts were picked out in Wood Brown. Once again air bubbles caused a few problems and I had to scratchbuild the pilot's instrument panel. Some years ago at one of the shows I picked up a couple of French decal sheets in 1/43rd scale that consisted entirely of a large selection of car instrument panels; whilst some of these are a little too modern I can use a lot of them with brass bezels, plasticard and clear gloss varnish to come up with reasonable representations of a gauge. With a raid on the odds and ends box

and small pieces of brass tubing and wire to make up pumps, I was able to make a new instrument panel. The resin components that provide the front gunner's seat and the aircraft compass mounting were cleaned up and brass bomb release switches and pump handles were installed, a brass bezel and gauge being fitted to the compass. I replaced the flat brass steering wheel with a white metal one from the spares box and this, with a brass control column, was fitted; seatbelts and buckles were scratchbuilt and looked reasonable when finally put together.

The cockpit top and the top of the rear fuselage were now glued in place, filled and then sanded smooth. It was necessary to build up the cockpit coaming with filler, this being then tidied up and repainted. Before starting work on the tail unit I located and glued all the brass footstep holes in position. These seemed to vary from aircraft to aircraft and this is where the references came in handy, particularly when I realised that I also had to locate the points where the cables of the rudder and tail controls were attached to the fuselage. I found that the easiest way to do this was to take a piece of the fine wire supplied for rigging and to wind this around a pin thus making a tiny ring, the twisted end being trimmed and cemented into a hole drilled into the fuselage. The material used for rigging is

then fed through the ring and on to the attachment points on the aircraft; time consuming but effective.

I had decided to build the model as the only Viny to get to France, No. F9569. This in itself raised a couple of small problems, the first being that new rudders had to be made as on this particular aircraft there were no forward fins, just the rudders which were of a wider chord and a slightly different shape. I drew out the rudders on some five thou plasticard then scribed them to represent the framework. I used an old dental tool but you can use the back of a modelling knife. I then folded the card over a piece of brass wire to make the attachment points and cemented it together; the rudders were then finally shaped and tidied up. I handpainted the rudder stripes and used the RFC/RNAS numbers and letters from Pegasus to provide the aircraft number.

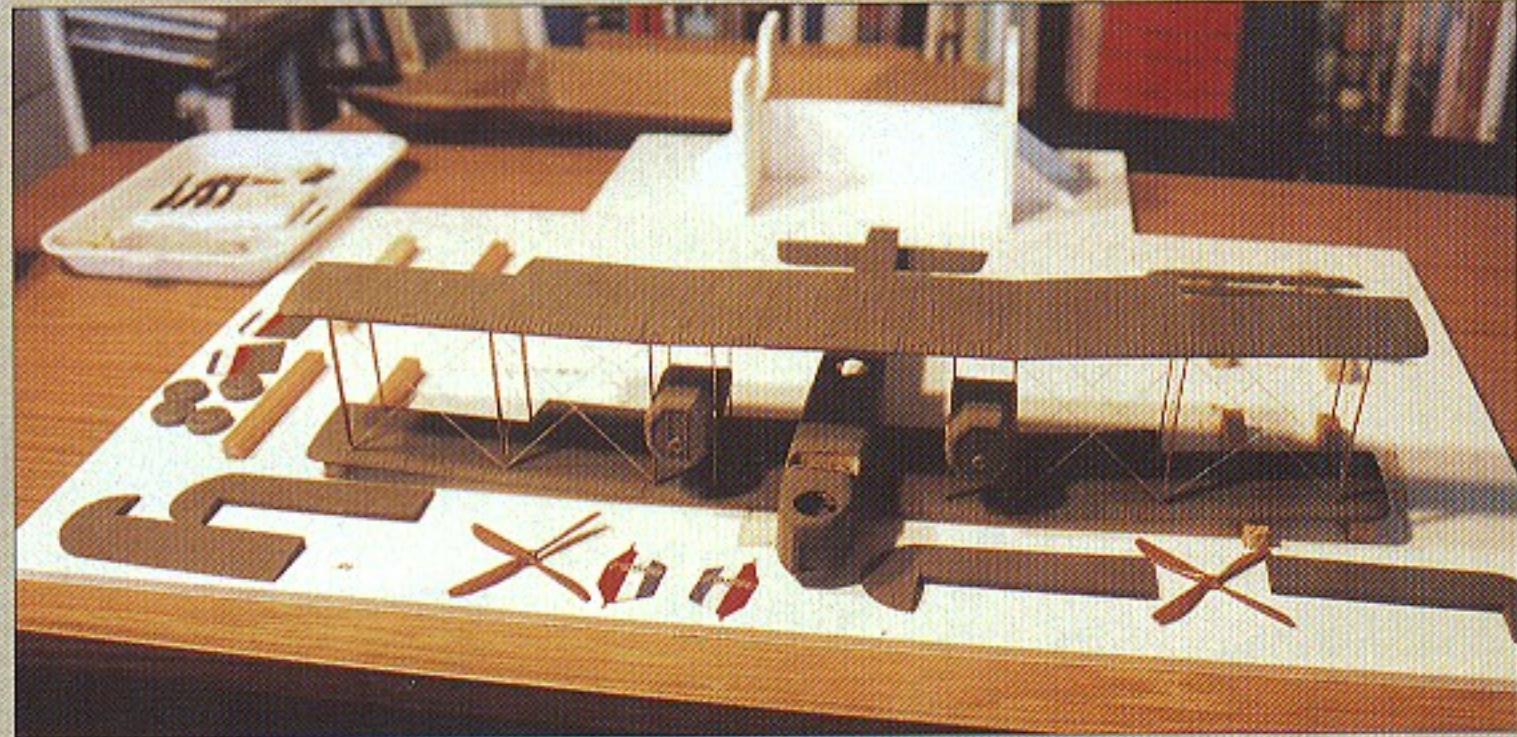
Construction of the tail unit was now started and reference to the drawing was made to locate the holes needed for the tailplane struts and rigging, and of course having changed the rudders a couple of extra holes had to be drilled. The lower tailplane, which is an integral part of the rear fuselage, was located, cemented and filled. The central struts were fitted into the upper tailplane, the holes on the centre line being indicated, and



Fuselage and wings united. Rudders ready for installation



The main wing roundel cut from white decal



Halfway there. Main construction well under way



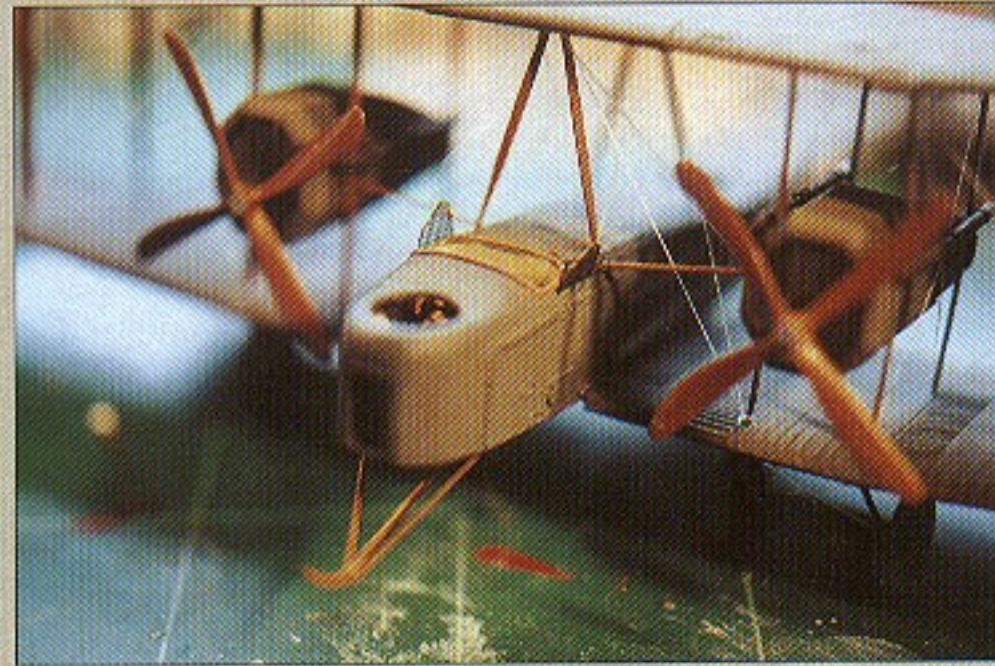
Wing marking completed awaiting control horns and rigging



The back end. Note new rudders and fuselage roundel from spares box



The tail unit is an interesting exercise in rigging



Nose skid and protective meshes are added to the nose

the upper tailplane was then fitted to the fuselage. When dry the pins of the rudders were sprung into place and cemented onto the new struts, replacing the forward fins in that location. I fixed a thin strip of plasticard to the ailerons to represent hinges and then fitted control horns from the brass fret. The ailerons were now located to complete the tail unit but the rigging was still to come.

You may remember that I had partially rigged the wings and commented on how pleased I was with the way it went together, and I am able to report that the fuselage and tail were a pleasure to rig; complicated but

fun! One small point, now is a good time to apply the decals for the fuselage roundels, so before running the long cables of the fuselage rigging I found a couple of RFC markings in the spares box and used these. I now fitted the fuselage to the wings. The centre section's fuselage to upper wing struts were then located and rigged.

I now took the four sets of engine exhausts and cleaned them up prior to painting them with my usual mixture of Black, Silver and Rust. These exhausts are cast in resin and are a little disappointing (suffering from air bubbles) and are rather

fragile. Some white metal castings would have been preferable. They were located on either side of the engines and needed further filing at the contact point with the cowlings. In retrospect I should have fitted these earlier in the construction as it was an awkward job by this stage.

The whole model was now inverted and supported in the jig and the undersurfaces were given a final coat of paint (Clear Doped Linen) prior to the installation of the undercarriage. I removed the components of the undercarriage from the heavy brass fret along with the nose skid. These are

rectangular in section so they were filed and sanded to round off the edges. A piece of brass tubing was fitted to the airfoils of the undercarriage, these being then located into the brass undercarriage legs and then into the pre-drilled holes in the lower wing. A little tidying up and the wheels were fitted; the stitching of these appeared to be overscale but I must admit they don't look bad when fitted.

The generators were then made up. The bodies are cast in resin with etched brass propeller blades. These were then located on the inboard engine struts. The protective



Windscreens and nose gun are fitted

meshes were fitted on either side of the cockpit; these were to protect the cockpit crew and to prevent them coming into contact with the turning propeller blades. The gun rings were assembled and painted using a metallic Black highlighted by drybrushing with Silver. The Lewis guns were given a touch of Wood Brown to the hand grips and Dark Green to the ammo can straps. Please note that the forward gun is a fully stripped Lewis whereas the rear gunner was equipped with a yoked pair of partially stripped guns. When dry these were placed to one side.

Decals

As previously mentioned no decals are supplied with this kit, which is rather a shame as the roundels for the wings are particularly large and difficult to obtain. This is no problem with those for the fuselage, and the rudder stripes were handpainted. The difficulties start when it comes to markings for the mainplanes as these are 55mm in diameter, and as far as I am aware there are none this size available commercially. So there are a couple of alternatives. One is if you are a whiz with paint or airbrush then paint them for yourselves, or as I was able to do, cut them from solid colour decal sheet. I used an Olfa-P Compass Cutter which I obtained from a local stationer. I cut discs of the appropriate colour and positioned them using a couple of coats of Klear (I would suggest some practice with the cutter before getting stuck into the decal sheets). The last rigging of the aileron wires to the wings was installed and the gun rings were fitted. A little touching up here and there and Voila, one Vickers Vimy!

Conclusion

I was highly delighted to get the opportunity to comment on this kit and whilst I experienced some difficulties in its construction, this after all is what model making is all about and I thoroughly enjoyed building this model. My main concern was the lack of drawings and decals and I would have liked to see some bomb racks and bombs. Another opportunity for the scratchbuilder. T.C. Models have provided us with some models that I doubt we would have seen from one of the major manufacturers and whilst £65.00 for the Vimy is a lot of money I think it is reasonable value, it is after all a lot of kit.

Rod Holland



Just a final touch here and there. Note yoked Lewis guns!



The finished article. A lot of kit, with a few problems but fun to build



Another aspect of the completed model

MR & ME'S WORLD OF MODELS



NEW IN!
Sword,
Pavla, Azur



Visit our shop or give us a call and you'll know that there's much, much more to MR & ME. Stacked to the ceiling with kits from all over the world we are a magnet for

enthusiasts from all over the country.

Small wonder that MR & ME is one of the fastest growing hobby retailers in the UK.

Come and visit us soon.

*** HANGAR DOORS OPEN 7 DAYS ***

9-30-6-00 MON-SAT : 11-00-3-00 SUNDAY

166 BEDFORD ROAD KEMPSTON MK42 8BH

HOTLINE : 01234 852780 24 HR FAX : 01234 305101

STOCKISTS OF : Academy, Accurate Miniatures, AER, Aeromaster, A-Model, Airfix, AFV Club, Blue Max, Czech Model, DZI, Dako, Dragon, Emhar, Encore, Flashback, Glencoe, Hasegawa, Heller, Hobbycraft, Huma, Italeri, ICM, Interavia, JB Models, Kopnak, Mirage, Monogram, MPM, Nova, NovoExport, PM Model, Revell, SMER, Tasman, Tilly, Testors, Toko, Ventura & Zvezda. Full range of paints and materials.

IPMS Members!!
On production of a
valid IPMS card
5% discount
is available.

NOW STOCKING ACCURATE MINIATURES & MPM KITS

GASO.LINE

YOUR SPECIALIST FOR MILITARY MINIATURES AT THE SCALE 1:48

COMPLETE RESIN KITS, TRANSKITS FOR FUMANI/
BANDAI RANGE AND DIE-CAST BASIS SOLIDOVEREM,
FIGURES AND ACCESSORIES

Info: PLCIE 8, rue baulant 75012 PARIS FRANCE

e-mail: PLCIE@free.fr fax: 33 1.43.41.55.70

mail-order selling all around the world

postage at cost Eurocard/Mastercard/Visa accepted

Retailer inquires welcome!

TARMAC

YOU MAY BE A MODEL MAKER OR A COLLECTOR ...

YOU MAY LOOK FOR FIGURES, ARMORED VEHICLES

OR ACCESSORIES, ALL AT THE SCALE 1:48 ...

THEN, DO NOT HESITATE AND CLICK ON:

www.quarter-kit.com

Bare-Metal® Foil



For the most realistic natural metal model aircraft you have ever seen, use **BARE-METAL® FOIL**. Often copied, never equalled. This ultra thin adhesive backed foil will go around all compound curves. All detail will show through. You will not lose the panel lines, or rivets. Use a combination of **ORIGINAL CHROME BARE-METAL®**, **MATTE ALUMINIUM BARE-METAL®** and **ULTRA BRIGHT CHROME BARE-METAL®** to vary the panels just like on the real aircraft. Works great for the after burner areas of jets to simulate the titanium metal. Use it to mask anti-glare panels, canopies etc. Leaves no paint edge and paint cannot leak under it. Comes with complete instructions.

Also fantastic for the chrome trim on model cars, trucks, etc. **BARE-METAL® FOIL** comes in 6 x 12" sheets and is available in **ORIGINAL CHROME, ULTRA BRIGHT CHROME, MATTE ALUMINIUM, BLACK CHROME** and **GOLD** for only \$5.00 per sheet and **REAL COPPER** for \$7.00.

NEW! EXPERTS-CHOICE DECALS 1/72 & 1/48 scale limited run \$8.50 each

- #72-26 USAF Skyblazers F-84E/G, Germany, France, Detroit, Michigan, USA.
- #72-27 F-84E/G Air National Guard, Korea 1951/52. Includes 2" sq. badge for display base.
- #72-28 F-84E/G Air National Guard Ohio, Iowa, USA. Includes 2" squadron badge.
- #48-46 RF-4C Alabama ANG 35th anniv. Don Sperry paint job.
- #48-55 F-100D 31TFW Tuy Hoa Viet Nam 69/70. Part 2.
- #72-19 KC-135A/E, Wurtsmith, K.I. Sawyer AFB, New Jersey, Kansas\$10.50.

EXPERTS-CHOICE PANEL SCRIBER

Sand off raised panel lines and scribe them in. Actually removes a hair of plastic as you draw it along. Use it to drop the flaps, open canopies, etc. Also open the doors, trunk, hood on model cars. Only\$9.95

Payment by Visa or Mastercard only. Actual postage plus \$1.00 will be charged. Complete catalog included w/order. Catalog only \$5.00

WORLD WIDE WEB <http://www.bare-metal.com>

BARE-METAL FOIL CO. • P.O. BOX 82 • FARMINGTON MI 48332 U.S.A.
248-477-0813 Days • 248-476-4366 Evenings • Fax 248-476-3343

Copper State Models

THE CUTTING EDGE IN MILITARY DETAILS



WWI Aeroplane details
in NiAg PE, Resin,
White Metal & Decals
For 1/48th, 1/32nd & 1/28th scales.

1/48th multi-media A/C kits
many never kitted before.

All 1/72nd Scale details reduced
50% while supplies last.

MONTHLY SPECIALS

VISIT OUR WEB SITE AT:
www.amug.org/~copperst/

**EXCLUSIVE DISTRIBUTOR OF
MARTY DIGMAYER'S HAND CARVED
LAMINATED WOODEN PROPS.**

Send No. 10 SASE or 2 IRCS for complete listing.
Wholesale & retail sales, MC & Visa, Check in USD only.

3245 E. Hillery Dr.
Phx., AZ. 85032 USA

Phone: 602-867-8822. M-F 8:00am-6:00pm MST

Fax: 602-867-1984 24hrs/7days.

Email at: copperst@amug.org

The Basics of how to make a diorama, by Nicholas J. Wigman

Part 6. Making a desert maintenance scene

I wanted to create a diorama that depicted a German fighter being maintained in a desert environment. What better German fighter to choose than the Bf 109? The markings on this aircraft are those worn on the fighter in Tunisia in 1943. The kit is the 1/48th Hasegawa Bf 109G-6 detailed with Hi-Tech accessories and finished with Aeromaster decals.

I wanted this scene to be fairly sparse thus allowing the imagination to think that this is just a small scene in a very large bare area (as deserts are).

The base was 3/4in thick chipboard, which was thick enough to resist bending and consequently cracking the filler that was to be applied. Just to be different I chose a round base as I wanted the diorama to be viewed from any angle. It is important to note that the base looked (to me at least!) neither too small nor too

large for the aircraft. A light coating of Polyfilla was applied fairly evenly across the base, and any resultant ridges were smoothed out by wetting the entire surface lightly with water. Although not too clear in the photographs, a very slightly undulating surface was achieved by varying the thickness of the filler. Once dry, the base was lightly coated with thinned PVA adhesive in preparation for the addition of small stones. These I found in the garden and once I had collected enough, they were sprinkled onto the wet PVA and the whole thing left to dry. The whole base was then sprayed a light sand brown and once dry, clumps of plant life were made from material meant to make bushes available in any good model shop, and glued in place. The crates, Jerry cans and barrels came from a Verlinden accessory set and were painted and weathered as required. The aircrew

figures were from an a Reheat set and painted according to limited references.

They were then given a black wash to accentuate the shadows and dry-brushed white to further show their great level of detail. The same was done to the maintenance figures, which were again from a Verlinden set. The aircraft was then placed on the base as were the figures and other accessories. Once their respective positions were right, any small stones preventing them from sitting flat were removed and the items glued using small dabs of Superglue, except the plane, which I chose not to attach. Note the position of the loose lid of

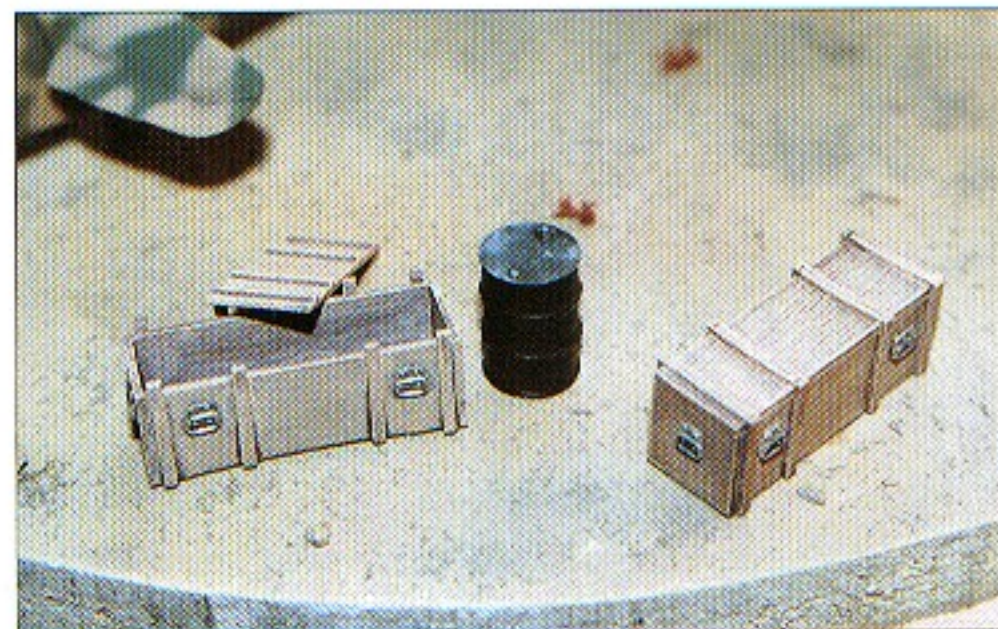


A plan view of the base after the Polyfilla had been applied

the crate, helping to create a 'random' effect.

I found this type of diorama quite easy to make and I was happy with the end result.

The next part of this series will describe how to make a diorama of a crashed Zero...see you then!



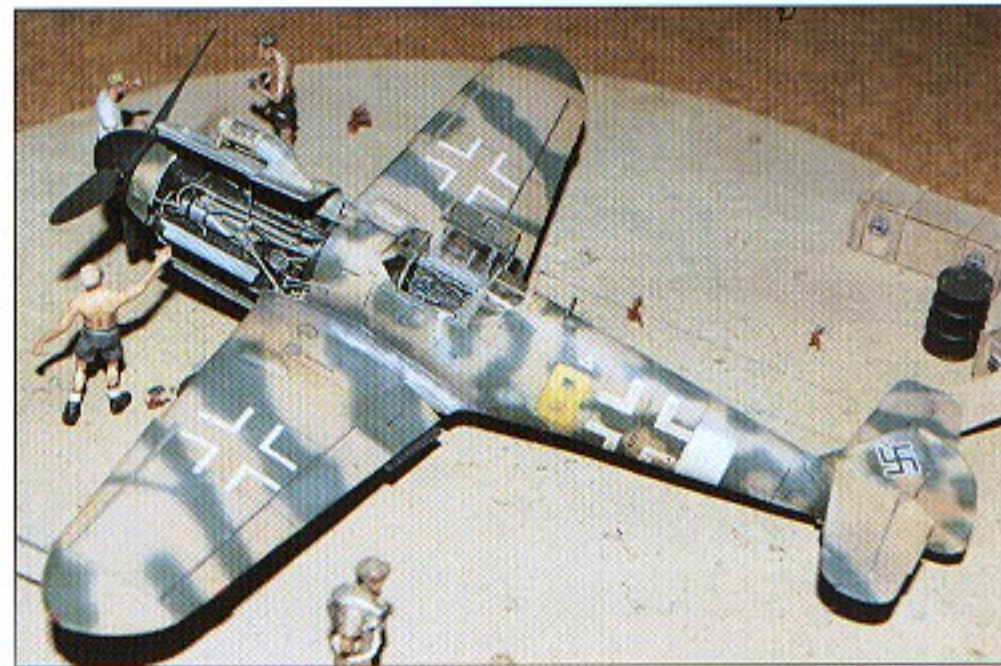
Crates and a few oil drums add a little extra effect



A view of the mechanics



Another view of the finished diorama



The finished diorama

SENTAI INTERNATIONAL

SCALE AIRCRAFT PRODUCTS SUPPLIER TO THE WORLD

TRUMPETER

1/44 aircraft \$3.50 retail each

TP01301	Lockheed P-38J Lightning
TP01302	German Bf. 110G Zerstörer
TP01303	British Spitfire Mk.V
TP01304	Republic P-47D Thunderbolt
TP01305	British Hawker Tempest V
TP01306	North American P-51D Mustang

Chinese Tanks

TP00303	1/35 Type 59 Battle Tank	\$18.50
TP00304	1/35 Type 69-2 Battle Tank	\$18.50
TP00306	1/35 T-72 M1 MBT 125mm	\$18.50
TP00309	1/35 M60A1 MBT reactive	\$18.50
TP00310	1/35 M60A1 mine roller	\$18.50
TP00311	1/35 Merkava II mine roller	\$18.50
TP00312	1/35 M60 A3 with 105mm	\$18.50
TP00314	1/35 Type 59-B Battle Tank	\$18.50
TP00317	1/35 Type 79 AFV	\$18.50
TP00319	1/35 Type 98 Tank	\$18.50
TP00324	1/35 T-72 with mine roller	\$18.50
TP00329	1/35 Type WZ 901 AFV	\$18.50
TP02001	1/35 USMC LVT7A1	\$12.98
TP02002	1/35 USMC AAV7A1	\$12.98
TP35003	1/35 WZ551 Amphibian	\$20.50

1/72 aircraft

TP01602	Chinese Y5 (AN-2)	\$9.98
TP01604	Chinese IL-28 Beagle	\$9.98

1/350 SHIPS

TP01501	German Battleship Bismarck	\$39.98
TP01502	German Battleship Tirpitz	\$39.98
TP01503	USS NEW JERSEY BB62	\$39.98
TP01504	USS MISSOURI BB-63	\$39.98
TP04503	Chinese Destroyer Dalian	\$11.98
TP04505	Chinese Destroyer Zhuhai	\$11.98
TP04508	Chinese Destroyer Qingdao	\$11.98
TP04513	Missile Destroyer Shenzhen	\$17.98

Shipping \$5.00 USA, all others (surface) \$20.00 or 30% of invoice value whichever is greater.

15,000 kits, decals, books, finishing products, Sci-Fi, resin, vinyl & collectibles
RETAIL/WHOLESALE!

Cost of 99-2000 Retail Catalog & Newsletters: USA, Canada & Mexico \$6.00, all others \$20.00.
Dealer Inquiries Welcome! VISA & Master Card accepted



15,000 kits, decals, books, finishing products, Sci-Fi, resin, vinyl & collectible products.

RETAIL/WHOLESALE!

(818) 886-3113 FAX (818) 886-2551
8839 Shirley Avenue,
Northridge, CA 91324

INTERNET: www.plasticmodels.com
RETAIL SPECIALS 1/44 Scale \$11.50
MINICRAFT

MC14430	Boeing B-52H Stratofortress
MC14445	Boeing B-377 Stratocruiser PAA
MC14446	Boeing B-737-300 American AA
MC14447	Douglas C-118 Independence
MC14448	Boeing B-737-400 US Airways
MC14449	Boeing B-757-200 American AA
MC14450	Boeing B-707-320 Pan Am
MC14451	Boeing B-757 USAF C-32A
MC14454	Boeing B-707-300 TWA JT-4D
MC14455	Boeing B-707-420 Lufthansa
MC14457	USAF VC-137C Air Force I
MC14459	Douglas DC-6B

(818) 886-3113 FAX (818) 886-2551
8839 Shirley Avenue, Northridge, CA 91324
INTERNET: www.plasticmodels.com
E-MAIL: platicm@pacbell.net

MISTERKIT

The Specialist of Italian Aircraft Kits and much more!!

Call for information: 0039-02-8243791

Attention: new codes for WWI colors	SKYMODELS DECALS 1/72-1/48 E.4 each	BLACK BOX Resin Cockpit Set 1/48 - 102
BRITISH WWI Colors E.1.70 each	40-023 N.A. P-51 Mustang	40-024 F-14D TOMCAT E.17
BC01-BATTLESHIP GREY	40-025 F-16C Viper	40-026 F-16C Viper (2 SEATS) E.17
BC02-PC-12	40-027 ME BF 109 LUFTWAFFE	40-028 F-4E PHANTOM (Navy) E.17
BC03-PC-10	72-015 ITALIAN BOMBERS	40-029 AV 101 HARrier E.16
BC04-NV0	72-024 GERMAN A/C IN ITALIAN SERVICE	40-030 F-15A Fighting Falcon E.14
BC05-CLEAR DOPED LINEN	72-025 HANLEY PAGE (RAF) E.14	40-031 F-16C Viper E.14
BC06-AMAPOT REDDISH BROWN	AVIOLIBRI special	40-032 F-16C Viper E.14
GERMAN WWI Colors E.1.70 each	AVIOLIBRI special	40-033 F-16C Viper E.14
GC01-ALBATROS RED (BROWN)	AVIOLIBRI special	40-034 F-16C Viper E.14
GC02-ALBATROS NAVY	AVIOLIBRI special	40-035 F-16C Viper E.14
GC03-ALBATROS PALE BLUE	AVIOLIBRI special	40-036 F-16C Viper E.14
GC04-ALBATROS PALE GREEN	AVIOLIBRI special	40-037 F-16C Viper E.14
GC05-ALBATROS GREEN	AVIOLIBRI special	40-038 F-16C Viper E.14
GC06-FORKER CLIVE GREEN	AVIOLIBRI special	40-039 F-16C Viper E.14
GC07-FORKER TORQUOSE	AVIOLIBRI special	40-040 F-16C Viper E.14
GC08-GERMAN LIGHT GREY	AVIOLIBRI special	40-041 F-16C Viper E.14
GC09-GERMAN SKY BLUE	AVIOLIBRI special	40-042 F-16C Viper E.14
GC10-GERMAN CLEAR DOPED LINE	AVIOLIBRI special	40-043 F-16C Viper E.14
AUSTRO-HUNGARY WWI Color E.1.70	AVIOLIBRI special	40-044 F-16C Viper E.14
AL01-CLEAR DOPED LINEN	AVIOLIBRI special	40-045 F-16C Viper E.14
AU02-SAVOIR YELLOW	AVIOLIBRI special	40-046 F-16C Viper E.14
AL03-FORKER DARK GREEN	AVIOLIBRI special	40-047 F-16C Viper E.14
AL04-PHONIX MEDIUM GREEN	AVIOLIBRI special	40-048 F-16C Viper E.14
AL05-ALBATROS DARK GREEN	AVIOLIBRI special	40-049 F-16C Viper E.14
AL06-PHONIX DARK GREEN	AVIOLIBRI special	40-050 F-16C Viper E.14
AL07-PLATINUM GREY	AVIOLIBRI special	40-051 F-16C Viper E.14
AL08-BASALT GREY	AVIOLIBRI special	40-052 F-16C Viper E.14
AL09-FLAG RED	AVIOLIBRI special	40-053 F-16C Viper E.14
ITALIAN WWI Colors E.1.70 each	AVIOLIBRI special	40-054 F-16C Viper E.14
IC01-CAMOUFLAGE GREEN	AVIOLIBRI special	40-055 F-16C Viper E.14
IC02-CAMOUFLAGE LIGHT BROWN	AVIOLIBRI special	40-056 F-16C Viper E.14
IC03-CAMOUFLAGE RED BROWN	AVIOLIBRI special	40-057 F-16C Viper E.14
IC04-CLEAR DOPED LINEN - LIGHT	AVIOLIBRI special	40-058 F-16C Viper E.14
IC05-CLEAR DOPED LINEN - DARK	AVIOLIBRI special	40-059 F-16C Viper E.14
IC06-FLAG RED	AVIOLIBRI special	40-060 F-16C Viper E.14
IC07-FLAG GREEN	AVIOLIBRI special	40-061 F-16C Viper E.14
HI-TECH KIT 1/48	AVIOLIBRI special	40-062 F-16C Viper E.14
C.F.0. ROLAND DII	AVIOLIBRI special	40-063 F-16C Viper E.14
RAF Aircraft Series book n° 4	AVIOLIBRI special	40-064 F-16C Viper E.14
Light Helicopter	AVIOLIBRI special	40-065 F-16C Viper E.14
For a full catalogue, visit our new web site. A new update every month!!!	AVIOLIBRI special	40-066 F-16C Viper E.14
NEXT WWI COLORS are:	AVIOLIBRI special	40-067 F-16C Viper E.14
France: Air Force	AVIOLIBRI special	40-068 F-16C Viper E.14
	AVIOLIBRI special	40-069 F-16C Viper E.14
	AVIOLIBRI special	40-070 F-16C Viper E.14
	AVIOLIBRI special	40-071 F-16C Viper E.14
	AVIOLIBRI special	40-072 F-16C Viper E.14
	AVIOLIBRI special	40-073 F-16C Viper E.14
	AVIOLIBRI special	40-074 F-16C Viper E.14
	AVIOLIBRI special	40-075 F-16C Viper E.14
	AVIOLIBRI special	40-076 F-16C Viper E.14
	AVIOLIBRI special	40-077 F-16C Viper E.14
	AVIOLIBRI special	40-078 F-16C Viper E.14
	AVIOLIBRI special	40-079 F-16C Viper E.14
	AVIOLIBRI special	40-080 F-16C Viper E.14
	AVIOLIBRI special	40-081 F-16C Viper E.14
	AVIOLIBRI special	40-082 F-16C Viper E.14
	AVIOLIBRI special	40-083 F-16C Viper E.14
	AVIOLIBRI special	40-084 F-16C Viper E.14
	AVIOLIBRI special	40-085 F-16C Viper E.14
	AVIOLIBRI special	40-086 F-16C Viper E.14
	AVIOLIBRI special	40-087 F-16C Viper E.14
	AVIOLIBRI special	40-088 F-16C Viper E.14
	AVIOLIBRI special	40-089 F-16C Viper E.14
	AVIOLIBRI special	40-090 F-16C Viper E.14
	AVIOLIBRI special	40-091 F-16C Viper E.14
	AVIOLIBRI special	40-092 F-16C Viper E.14
	AVIOLIBRI special	40-093 F-16C Viper E.14
	AVIOLIBRI special	40-094 F-16C Viper E.14
	AVIOLIBRI special	40-095 F-16C Viper E.14
	AVIOLIBRI special	40-096 F-16C Viper E.14
	AVIOLIBRI special	40-097 F-16C Viper E.14
	AVIOLIBRI special	40-098 F-16C Viper E.14
	AVIOLIBRI special	40-099 F-16C Viper E.14
	AVIOLIBRI special	40-100 F-16C Viper E.14

Mail orders. Please make cheques, postal orders, IMO payable to MISTER KIT. Visa/Mastercard accepted. For credit card orders please include card number, expiry date, card holder's name and billing addresses of card. Postage at cost.

E-mail: mrkit@lo.itline.it

Website: www.misterkit.com Tel/Fax: 0039-02-8243791.

For more information about our products write or fax to: MISTER KIT -
Via Monte Amiata 31, 20089 Rozzano, Milan Italy



www.iafe.net

Books - Decals - Prints - Patches - Kits

Israeli Air Force specialized



NEW
DECEMBER 2000
AMD MYSTERE IV A

Distributors: U.K.: - Hannants Tel. 01502-617444 Fax. 01502-500521 email. sales@hannants.co.uk
Rest of the world: AD Grafica Tel. 0039-02-56814553 Fax. 0039-02-57401847 email. info@adgrafica.com

AEROCLUB

NEW!

K444. 1/48 BE-2c £24.50
K445. 1/48 BE-2e £24.50

Both Kits are Injection Moulded with detail parts in White-metal and include decals with a choice of serials.

K830. 1/48 SPITFIRE MK-21 Conversion kit. £9.50
(Uses Airfix Mk.22 kit)

K833. 1/48 SPITFIRE MK-21 Conversion kit. £16.25
(Uses Mk.46 wings from Airfix Seafire 47 kit)

DETAILS AND PRICES TBA

K450. 1/48 EE/BAC CANBERRA B.6 Mixed Media kit.

For our full catalogue, listing all the Aeroclub range of kits and white-metal detail parts plus the many other ranges that we stock, send 6 x 1st class stamps or IRC's to:
(For a Newsletter and Sale List, send a stamped addressed envelope)

1A, Baker Avenue, Arnold, Nottingham. NG5 8FW
Tel: 0115 9670044. Fax: 0115 9671633

E-Mail: aeromail@compuserve.com

Postal address with all Fax and E-Mail Enquiries please.
Send for a free e-mail Catalogue, Newsletter and Sale List!
Web Site - www.aeroclubmodels.co.uk

Post and Packing Charges

United Kingdom.
Below £5.00 - £1.00
Below £10.00 - £1.50
Below £20.00 - £2.00
Below £30.00 - £2.50
Below £40.00 - £3.00
Over £40.00 - Post Free

EEC/Europe - Add 15%
Minimum Charge - £1.50

Rest of World
Below £40.00 - Add 25%
Above £40.00 - Add 20%
Minimum Charge - £2.00

VISA, EUROCARD, MASTERCARD, SWITCH ACCEPTED

SAM Subscriptions, Back Issues & Binders

BACK ISSUES

AVAILABLE AT £3.25 INC P&P
(UK), £4.75 OVERSEAS.

We have the following
issues available:



Vol 4:3



Vol 4:6



Vol 4:7



Vol 4:8



Vol 4:10



Vol 4:12



Vol 5:1



Vol 5:5



Vol 5:6



Vol 5:7



Vol 5:8



Vol 5:9



Vol 5:10



Vol 5:11



Vol 5:12



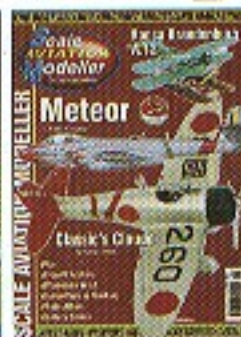
Vol 6:1



Vol 6:2



Vol 6:3



Vol 6:4



Vol 6:5



Vol 6:6



Vol 6:7



Vol 6:8



Vol 6:9



Vol 6:10



Vol 6:11

**Subscribe
& Save
£2.40***

Scale Aviation Modeller
delivered direct
to your door

*based on UK one year subscription price



BINDER & SUBSCRIPTION HOTLINES

Tel: (44) 08707 333373
e.mail: dmzee@kbnet.co.uk

When using e.mail, please leave your name and address and your credit card
details along with your order.

**SPECIAL
OFFER**

Buy 3 - Get a 4th Free

Receive 1 extra copy
FREE when you
purchase 3 Back Issues*
of Scale Aviation Modeller

*choose 4 from the selection listed above



Just
£7.95 each
(incl. p&p)

Available to all readers, strong, robust
'Cordex' binders to hold 12 issues of Scale
Aviation Modeller International.

The binders use a bonded nylon cord,
allowing easy insertion and removal of
your magazines, holding them firmly in
place, without damaging them.

The binder is green, and carries the SAM
logo embossed in gold leaf.

Mr/Mrs/Ms Initial Surname

Address

Postcode

Daytime tel. no.

☐ BINDERS (Cheque, Credit/Debit Card)

Please send me _____ binder(s) at £7.95 each (incl. p&p)

☐ BACK ISSUES (Cheque, Credit/Debit Card)

Please send me back issues as ticked above. Available at £3.25 inc p&p (UK), £4.75 Overseas.

Please allow 28 days for delivery.

SAM-6-06

SUBSCRIPTIONS (Cheque, Credit/Debit Card for 12 Issues)

- ☐ Please start my Avia subscription from the next available issue.
- ☐ I am an existing subscriber so please extend my current subscription.

	UK	Europe Air	European Surface	World Air	WorldSurface
6 months	£19.25	£30	£26	£33	£27
1 year	£33.00	£51	£41	£56	£46
2 years	£63.25	£98	£79	£108	£88

☐ I enclose a Sterling cheque made payable to SAM Publications

Please charge my ☐ Visa ☐ Access/Mastercard. Expiry date

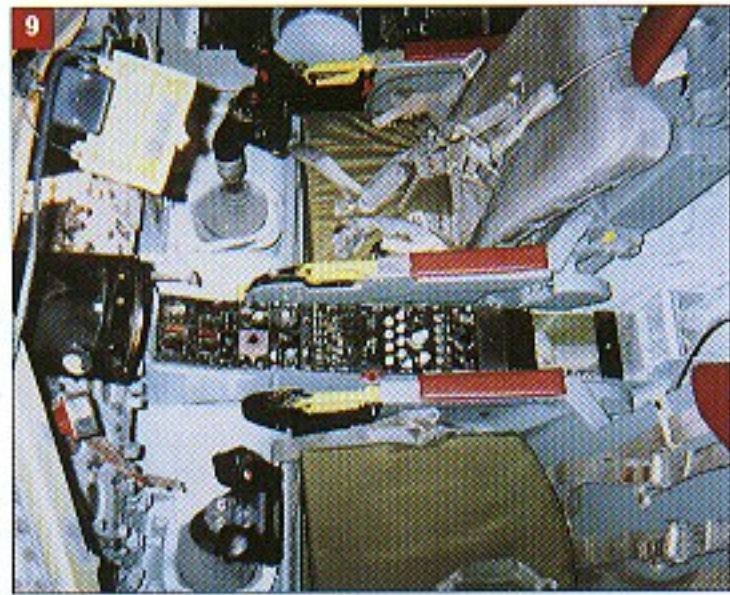
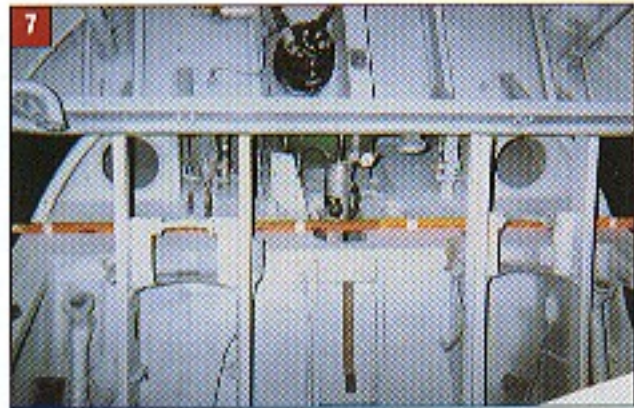
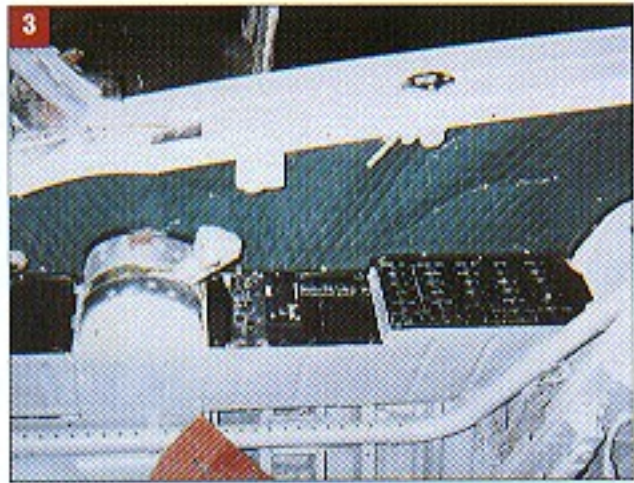
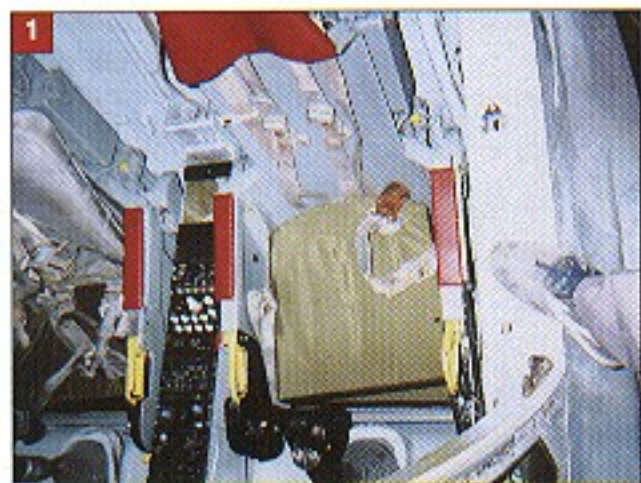
Card no.

Signed Today's date

Photo Album: Convair TF-102

Displayed: Yankee Air Museum, Willow Run Airport, Beleville, Michigan
All the following photos were taken during the restoration of the aircraft.

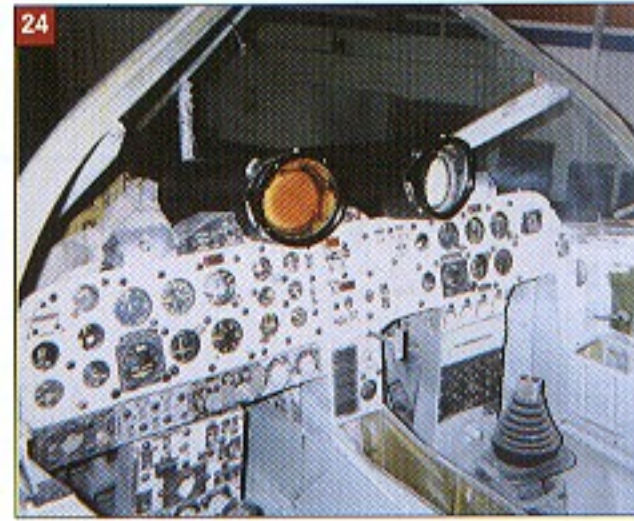
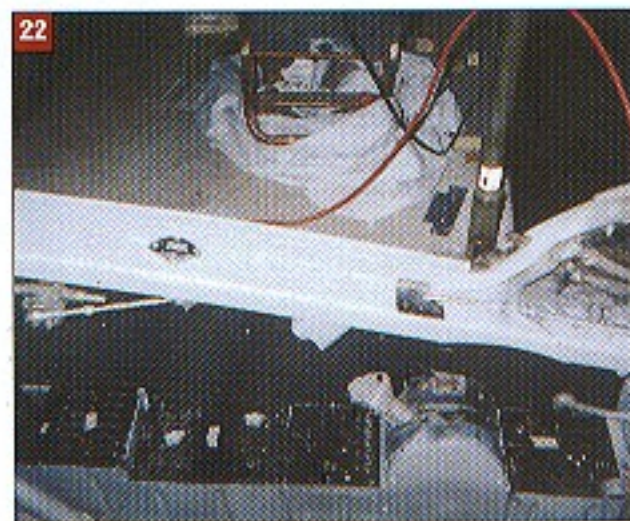
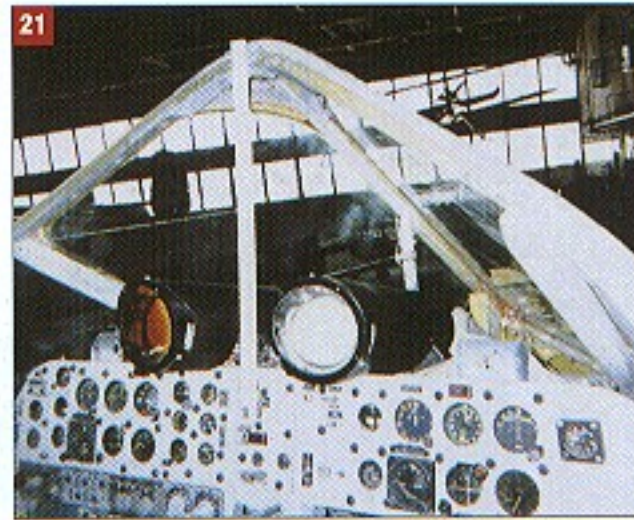
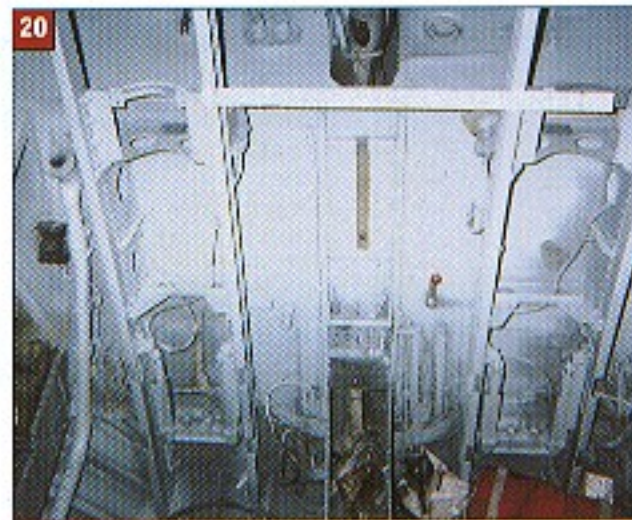
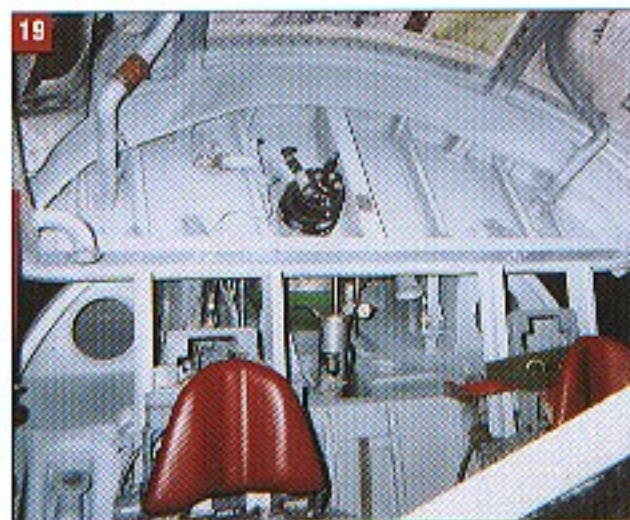
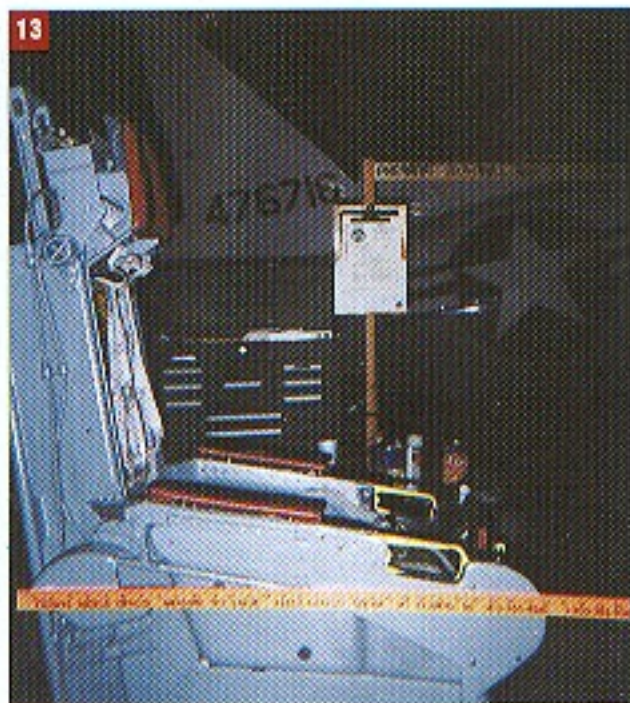
by R.A. Franks



- 1. A view down into the port side of the cockpit, showing one of the ejection seats
- 2. The interior of the large tandem cockpit canopy
- 3. The starboard sidewall. Note the 'quilted' padding
- 4. The area behind the ejection seats, viewed from the port side. The green sphere is probably for compressed air

- 5. The ejection seat removed from the aircraft during refurbishment
- 6. The rails for the ejection seats (removed) and the area behind them
- 7. An overall view of the area behind the ejection seats (removed) and the corresponding area in the canopy above
- 8. Another view of the starboard sidewall

- 9. A look down into the cockpit, showing the central console
- 10. Detail look at the framing on the main element of the canopy
- 11. A look up into the (empty) engine bay. Note the splitter plate
- 12. Another view into the cockpit, this time the central console and ejection seats have been removed, and the pipework etc under these can be seen



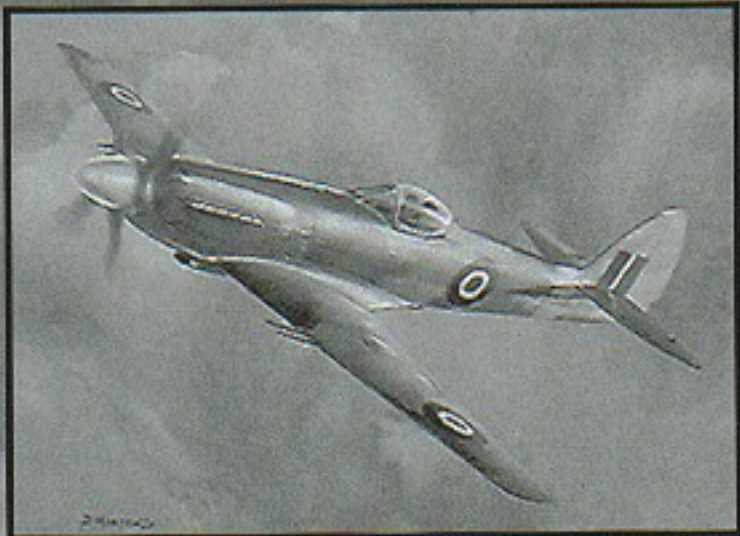
- 13. Starboard side view of the removed ejection seat
- 14. Another view of the side of the ejection seat
- 15. The port side of the ejection seat
- 16. The massive hinged access panel in the starboard side of the nose
- 17. The upper edge of the windscreen

- 18. A look straight into the windscreen, showing the canvas cover behind the instrument panel
- 19. The area under the rear of the canopy and behind the ejection seats
- 20. The rear bulkhead area with the ejection seats removed
- 21. The two radar scopes reinstalled above the instrument panel

- 22. The port sidewall and console with all the panels in situ
- 23. Another view of the port sidewall, this time with the panels all removed
- 24. The complete instrument panel after refurbishment.

My thanks to C&H Aero Miniatures for the supply of the above photos and to the Yankee Air Museum for allowing C&H Aero Miniatures access to the airframe during its restoration.





How long have you dreamt of a 1:48 injection moulded Spiteful?

SILVER CLOUD

This Cloud has a Silver lining....

www.plasticmodelaircraft.com

Hurry, because we're only making 1000

Silver Cloud Models P.O. Box 50 Whitstable
Kent CT5 2UX Great Britain
Tel: +44(0)1227 277569 Fax: +44(0)1227 770195



Model Design Construction

Fine scale models, conversions and accessories

Ju 52 Minesweeper	CV031	£14.50
De-gauging ring, condor handle, canopy		
Ju 52 Floatplane	CV032	£12.95
Floats struts and ladders		
Mk II Swordfish conversion	CV039	£5.25
Bottom wing and oil cooler		
Mk III Swordfish conversion	CV040	£7.50
Bottom wing, cockpit coaming, oil cooler, radar housing & receiver, exhaust extension		
Ju 52 Condor Haube Canopy	CV041	£4.50
3 part canopy and gun		
MB4 Ejection Seat	MDA48013	£3.25
Suitable for Mirage III, IV, Etandard V, Mystere V & most Kfir		
French Skyraider Conversion	MDA48014	£9.95
To convert the Tamiya AH1 kit into French AD4/AD6 used in Algeria (not including doors)		
Early Skyraider Conversion	MDA48015	£4.50
To convert the Tamiya AH1 kit into the early version of the SPAD used in Korea		
Me 109 G6 AS Conversion	MDA48016	£9.50
For the Hasegawa 109G10 - generates G6AS, G14AS, early G10AS		

Mail Order Service worldwide : Phone, fax, write or e-mail.

P&P \$1 (4 or more kits, OR outside the EEC - FREE)

Most items are made to order : allow 1 month for delivery

Payment by Credit Card, Cheque IMO or PO

(£Sterling, made out to Model Design Construction).

Model Design Construction, 1 Park Mews,

Riddings, Derbyshire DE55 4DD

Tel/Fax 01773 609700 (24hr ansaphone

- leave a message, we'll call you back)

Email : models@ModelDesignConstruction.com

See the website - <http://ModelDesignConstruction.com>

NEW ENGINE SETS
FOR FAMOUS GERMAN
WW II AIRCRAFT

1/48

NEW!

FAMOUS GERMAN ENGINES

#4030 - Oberursel 150hp (Fokker D.V., Fokker E.V.)
#4035 - BMW 801 (Fw-190A/F, Ju-188, Do-217)
#4045 - DB-603 (Do-335, He-219 ...)
#4053 - BMW-132 (Ju-52/3m, Ju-86 ...)
#4059 - DB-601 (Bf-109E, Bf-110C ...)

U.K. Source - HANNANTS

KINGKIT
THE ORIGINAL KIT DEALER (Est. 1983)

UPMADE PLASTIC KITS
BOUGHT AND SOLD

AARDVARK RESIN 1/72	TRISTAR (TWA)	£19.99	FAIREY GANNETT	£4.99
TSR 2	DOYUSHA 1/100 AIRLINES	£39.99	AIRFIX 1/72	
NITTO 1/100 AIRLINES	BOEING 747 (BA)	£29.99	ALBATROS DVA	£4.99
BOEING 747 (JAL)	BOEING 767 (AA, ANSETT)	£19.99	AVRO 504K	£9.99
DC 10 (JAL)	CONCORDE (BA, AIRFRANCE)	£24.99	DL 4	£4.99
TRISTAR (ANA)		£19.99	HANNOVER	£5.99
BOEING 767 (ANA)	TRISTAR (ANA)	£19.99	RE3	£4.99
DC 8 (JAL)	DC 10	£19.99	SOPWITH CAMEL	£4.99
BOEING 727 (ANA)	NOVO 1/72 IMPORTS		SOPWITH PUP	£3.99
BOEING 727 (JAL)	AW WHITLEY	£9.99	FOKKER DR1	£4.99
ESA AWACS	SUPERMARINE ATTACKER	£5.99	SPAD VII	£4.99
DC 9 (TDA)	MILES MASTER	£5.99	BRISTOL FIGHTER	£4.99
BOEING 737 (ANA)	MILES MAGISTER	£4.99	ORPHEUS	£4.99
	FAIREY BARRACUDA	£4.99	CANBERRA BT6	£19.99
ENTEX 1/100	FAIREY FIREFLY I	£4.99	BRISTOL BLOODHOUND	£7.99
DC 10	BLACKBURN SKUA	£4.99	RAF RECOVERY SET	£7.99

UK P&P £3.50 per order, Overseas at approx cost via Credit Card
 Secondhand Kit List 43 now available with over 14,000 items listed - £3.50.

SPRINGHILL TRADING ESTATE,
ASTON STREET, SHIFNAL,
SALOP TF11 8DR

e-mail sales@kingkit.co.uk
www.kingkit.co.uk

TEL: 01952 405020
 FAX: 01952 405030

BEANEYS

Stockists of most manufacturers

★ TAMIYA ★ HASEGAWA ★ REVELL ★ ITALERI
 ★ MPM ★ HOBBYCRAFT ★ DYNAVECTOR ★
 ACADEMY ETC, ETC

(plus a good service for others not in stock)

55 WEST STREET • SITTINGBOURNE • ME10 1AN
 TEL/FAX: 01795 472815

LIFECOLOR ACRYLICS
 XTRACOLOR ENAMELS
 SAE please for all postal enquiries

Invicta Model Accessories

1/48 Jaguar Cockpit (Airfix) O/S £5.95

1/48 Trolley + Torpedo - ideal for Tamiya's MkX
 Beau or Swordfish £14.95

1/48 F-111A/E/F Wheel set £3.95

1/48 F-111A/E/F Cockpit set £12.95

1/48 F-111A/E/F Radar set /
 nose cone £6.95

1/48 F-111A/E/F Ejector racks x 4 £4.95

1/48 F-111 AVQ26 Pave Tac Pod £4.95

(the above list for the Academy kits)

1/72 US NAVY IFR pod £1.95

1/48 US NAVY IFR pod £2.95

EXCLUSIVE

Academy

1/48 F-111F - not usually available £22.99

LIMITED UNIQUE OFFER!!!

Academy F111F plus all the Invicta mods for only
 £49.99

Monogram Reissues

F 105D - the THUD is back £9.99

F 5E II - Top Gun £10.99

F 89C - this kit was never released before £19.99

B 25J - yes, glazed nose and only £14.99

Access OPENING TIMES: MONDAY - SATURDAY 9.00 - 5.00 ★ EASY PARKING

Send for our full Lists:
 SAE or 2x IRC's

E-Mail:
delavpub@compuserve.com

Delta Aviation Publishing

Unit #1C, 43 Mowbray Street, Sheffield S3 8EN,
 S. Yorks. Tel/Fax: (0114) 278 4677

Worldwide Trade Enquiries Welcome

DELVAC MODELS (Ex-ID Models now upgraded with metal and decals)

1/72nd Scale

DV72001: Lockheed C-5 A/B Galaxy - £99.99

DELTA BITS - NEW!!

1/32nd Scale

DB2001: Hurricane Cockpit Detail Set - £11.99. DB2002: RAF
 Fighter Seats (x2) - £4.99. DB2003: Hurricane mk.1 Fabric Wing Conv
 - £24.99

1/72nd Scale

DB5028: Junkers Ju 388L - 0 - £19.99. DB5030: Junkers Ju 188S
 £12.99. DB5032: Junkers Ju 188S - 1/U - £14.99. DB5013: Soviet SPS
 ECM Pod - £2.75. DB5015: Soviet KKR Recco Pod - £3.25. DB5022: Ar
 234 Weighted Wheels - £3.75. DB5025: Fiat Br20 Weighted Wheels -
 £3.75

Postage: UK = 10%, EEC - 15%, RoW = 20%



NEWS

72 017 - C 47 Dakota part II.
72 018 - RAF code letters /3 sheet/
72 019 - P 40 B,C,E part II.

48 007 - C 47 Dakota/Skytrain part I.
48 009 - C 47 Dakota/Skytrain part II.

STENCILS 1/72 1/48

Curtiss P-40, H.Hurricane, Me 110.
RAF serial numbers and letters 8"

www.tallyho.cz

E-mail: tallyho@tallyho.cz, meluzin@tallyho.cz
Payment: VISA - MASTER CARD - AMERICAN EXPRESS

Contact & Sale:



Resin detail set

JAS 39 GRIPEN

for ITALERI kit 1/72

R 72 002 - Mikulin AM 38 Engine for IL 2
R 72 003 - Mig 21 F - Ejection seat
R 72 004 - M.B.Mk.10 LS - Ejection seat
R 72 005 - Mig 29 - 9-13 Fulcrum
Upgrade set for ITALERI kit!
R 72 006 - Mig 29 exhaust nozzle for all version
R 48 001 - SR 71 Black Bird - ejection seat

TALLY HOI spol. s r.o., Gen., Pilsky 12,
702 00 Ostrava, Czech Republic, EUROPE

NEWS!



www.mpm.cz

Visit our new, improved website,
easy to surf and better than ever
before... Detailed info about our news,
model related links, look into box,
kit reviews and more & more...



COMING SOON!
MPM: Fw 189A1 1/72
MPM: DC-2 1/72



MAGNA MODELS

4 BRIAN CLOSE, SANDFORD, WAREHAM, DORSET BH20 7BJ

Telephone (01929) 553518

1/72nd and 1/48th Scale Resin and White metal kits, conversions and accessories

NEW! D248 1/48 Scale Blackburn Firebrand TS5 £36.00. NEW! 7172 Gloster F9/37 £19.95
NEW! 0348 1/48 Scale Supermarine Attacker £36.00

6972 Hawker Henley TT111	£17.75	5672 Martin Baker MB3 *	£17.75
6672 Scottish Aviation Jetstream T1/T2 * D	£26.73	5372 Percival Pembroke * D	£24.75
6872 Fchild Provider NCAC 123K	£62.75	6772 Fchild Provider C123 * D	£69.95
6572 Blackburn Beverley C1 D	£82.75	6472 Fairey Albacore D	£23.95
6372 Martin Baker MB5 D	£18.25	6172 DH Hornet F1 D	£22.95
6072 DH Sea Hornet NF21 D	£23.95	5972 DH Hornet F3/4/20 * D	£23.95
5872 DH/Riley Dove	£21.95	5772 Martin Baker MB2	£17.25

All the above are complete kits with spare transparencies. D denotes decals included, * optional parts for different versions included.

Conversions for Airfix 6272 Lancastrian, FAA, Alitalia, BOAC & Flight Refuelling decals £15.99. 4072 Bristol Freighter Mk21 £13.75. 3772 Bristol Freighter Mk31 £11.95. 2872 Hurricane fabric wing & Watts prop £7.75. Available shortly D248 1/48th scale Blackburn Firebrand TS5

All previously advertised kits and conversions still available.

Send SAE or IRC for a brochure of complete range.

Prices include P&P in UK, EC add 10%, ROW add 15%.

Sorry, no credit cards. Cheques, PO's, IMO's etc. please.

D Denotes decals included * Denotes optional parts for different versions included.

NEW! For Promodeller 1/48 scale Dornier Do 217E-5



Do217J-2/N-1 conversion - \$18.95
plus \$4 S/H USA - \$5 non USA
Both kits include vac., resin, cast metal,
photo-etch parts, decal and instructions.

Coming in Dec - 1/48th Martin Maryland
Complete kit including: vac. resin, metal
parts, decal for French, RAF & SAAF and
instructions, \$38.95 + \$4 S/H US- \$5 non US



Do217K-2/M-11 conversion with Frits X
and long wing - \$32.95 plus \$4 S/H USA
- \$5 non USA



Send SASE for Kit & Accessory List

NEOMEGA RESIN KITS

Made In Russia
God is in the details

Only the best cockpits around!...

NEW!



C37 1/48th MiG-21UM Conversion set.
(Fits any Academy MiG-21)
New nose, full cockpit & Canopy
£25.00



C35 1/48th Su-27UM cockpit set.
(Fits Academy kit)
Full cockpit & Canopy
£17.50

C33 1/48th Lightning T4/5 Conversion (with Aeroclub fuselage) £25.00

C2 1/48th Su-27 Cockpit (new tooling!) £11.50

C34 1/48th Sea Harrier FRS-1 (Airfix) £10.50 +many more!!

Post: UK/BFPO £1 per order, Overseas £2.50 per order. All cards taken. Trade Welcome

Visit our secure web site - www.modelspot.com

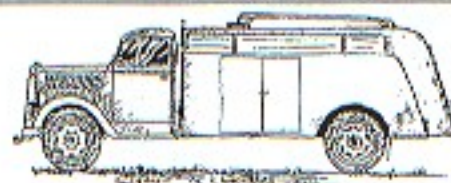
or send an SAE for our latest list of cockpit sets, ejection seats to:

Parade Figures, 66 Shilton Rd, Barwell, Leics, LE9 8HB, UK
01455 230952 modelspot@diap.pipex.com



MATADOR MODELS

EXTENSIVE 1/76TH SCALE VEHICLE AND CONVERSION RANGES, FROM WWI TO THE 1980'S
and Airfield Accessories 1/35th, 1/48th, 1/72nd, 1/76th scale ranges of
British and German airfield vehicles and equipment including ambulances,
refuellers, tractors, G.S. and specialist vehicles, starter trolleys, etc.



NEW: 1/72nd Opel Blitz 1938
Pattern Fuel Tanker



NEW:
1/76th Fordson 7V Tipper

plus: 1/76th scale GERMAN ARMoured TRAIN
1/144th scale AIRCRAFT COCKPIT DETAILS; 1/87th VEHICLE RANGE

For full catalogue please send SAE or 2 IRCs to:
MATADOR MODELS 6 Cliffe Road, Barton on Sea,
NEW MILTON, Hants. BH25 7PB Fax: 01425 628219



Kit Features: All New Tooling!
Very High Quality Resin
Castings w/Fully Engraved
Surface Detail! Full Cockpit and
Operator's Area with Photo
Engraved Consoles! Flaps/Slats
Speed Brakes/Crew Hatch! Side
Entry Door - Open or Closed!
Folding Wing Option! Clear
Vacuumform Canopy! Engine
Depth Detail! Many Custom
Metal Parts! Highly Detailed Landing Gear and Wheel Wells! Custom Decals for VQ-11 Beautiful
Custom Color Artwork Box! A Stunning Achievement in Resin!



Limited Production Kit! Order Now!

1/48 Unassembled Kit! Only \$199.95 Plus \$10.00 s/h U.S. // \$20.00 All Others Via Air!

Comprehensive 50 page "ADVISOR" of our complete line, plus 4000 collector's kits, published
bi-yearly at \$10.00 U.S.; \$12.00 Canada; \$20.00 all foreign per yearly subscription (airmail).

166 Granville Lane, North Andover, MA 01845 USA

(978) 688-7283 / FAX (978) 685-0220

collectairemodels@mediaone.net / Web site: www.collectaire.com



NEW Releases!

direct sales only -
NOT available in Shops
See the NEW Cobra Web site - www.cobra-company.com

1/48 MH-53J PAVE LOW

Special Operations Helicopter
Conversion

48024 New Nose, FLIR Target, Sensors
Fuel Tanks, IR Jammers, ECM Antennas
Spotlight. 38 updated resin parts \$29.95

Three NEW 1/72 scale JU-87 STUKA Cockpits

#72010 JU-87 A Cockpit. detailed sidewalls, bulkheads,
seats, floor, instrument panel, pedals. 20 resin parts \$19.95

#72011 JU-87 B/R Cockpit. detailed sidewalls, bulkheads,
seats, floor, instrument panel, pedals. 19 resin parts \$18.95

#72012 JU-87 D Cockpit. detailed sidewalls, bulkheads,
seats, floor, instrument panel, pedals. 19 resin parts \$18.95

1/48 F-16 Aggressor Update Set

448025 Contains the unusual-looking AN/ALQ-188 Pod
ECM Antennas for the wing leading edges, and 2 Aero-
dynamic sensors for the intake sides. 10 parts \$12.95

Cobra Company Visa / Mastercard accepted
3313 Pathway Court, Falls Church, Va. 22042 USA

Orders-Phone/Fax (703) 264-9412

LUFTWAFFE 1946 IN ACTION

"The Alternative
Luftwaffe"

22 short stories (100 pages)
of alternate history as reviewed
in Feb/Mar 2000 editions.

\$AUS 27 plus \$AUS 11 p&p
Europe & N America.
IMO, Mastercard/Visa.

Available from

John Baxter,
23 St George's Road South,
Fitzroy North,
Victoria 3068.
AUSTRALIA.

email jbaxter@techinfo.com.au

Su-27 Flanker Story

by Andrei Fomin

Price: £29.95

ISBN: 5-93511-003-2

Publisher: Air Fleet

Format: 210mmx290mm, 336 page, hardback cover

Now before I start this review I had better admit that I personally think the Su-27 is the sexist modern jet fighter there is! Now with that out of the way you will understand that this title was well received. There have been a

few titles on the type in the past, but the English language ones tended to be 'photo collections', while all of the foreign language titles probably included lots of great information, but we (English speaking folk) could not read them. This new title from Air Fleet is all in English, but you will note that it is obviously Russian translated into English as there is some awkward phraseology throughout.

The massive 300+ page title covers all aspects of the SU-27s development and

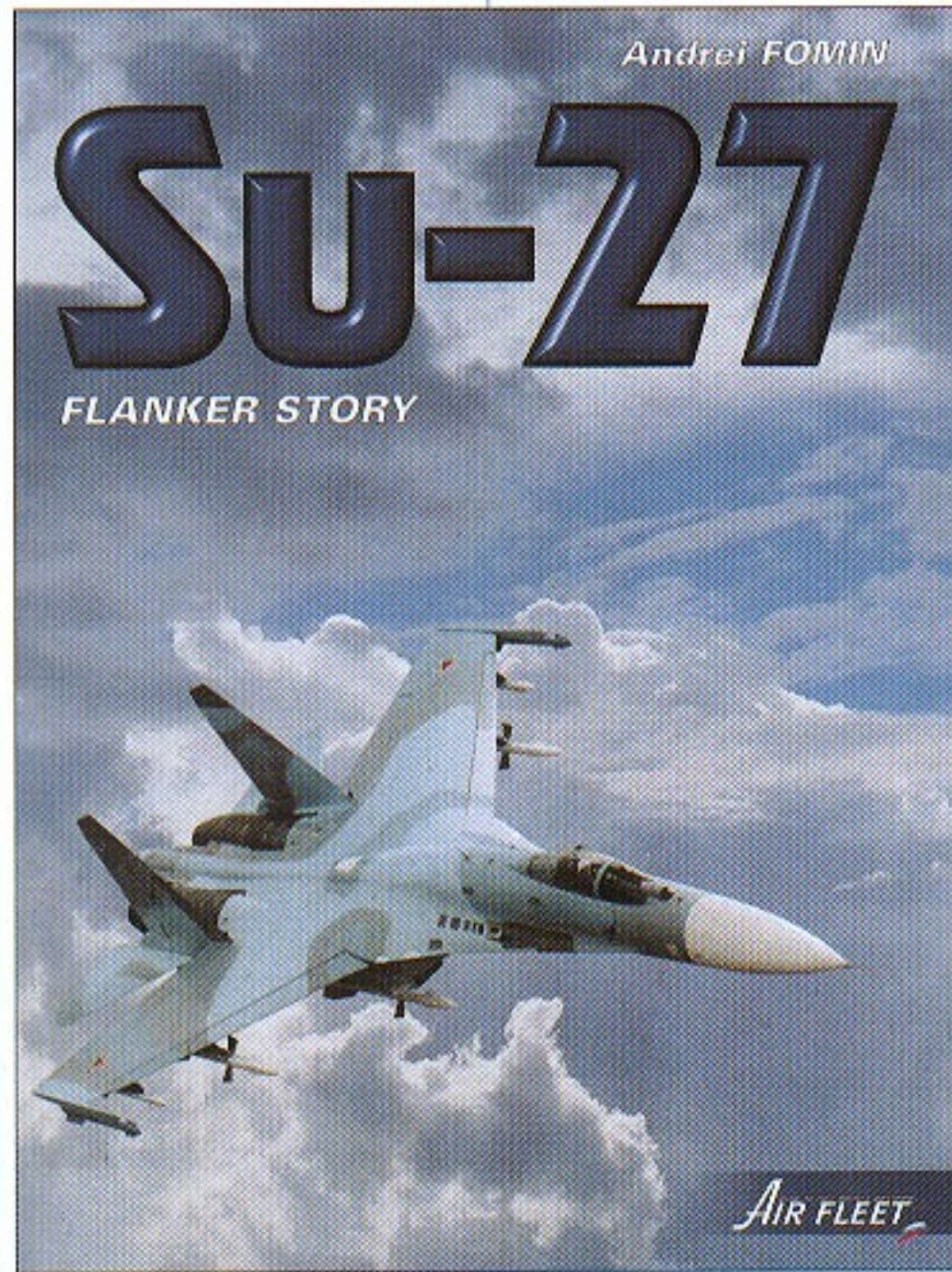
service use. This is backed up with lots of clear colour photos. Other sections of the title deal in the same manner with other developments of the type, like the Su-34 series and Naval Flanker. Even licence-produced (Chinese) versions are covered. The last section of the title is obviously intended for modellers as it details each area of the airframe's construction and illustrates this with clear drawings and colour photos.

The wealth of information in this title makes it ideal for modellers considering any of the Su-27 family. The actual historical text in the books makes for a great read, and once

Book of the Month

you start, you will keep right on to the end. If you like Russian aircraft or are considering making any Su-27 series aircraft in model form, this title is a real 'must' and it is most highly recommended to all.

Our thanks to Air Fleet for the review sample. See their advertisement elsewhere in this issue for details of their UK stockists.



German Bombers of WWI in Action

by Peter Cooksley

Price: £7.99 ISBN: 0-89747-416-3

Publisher: Squadron-Signal

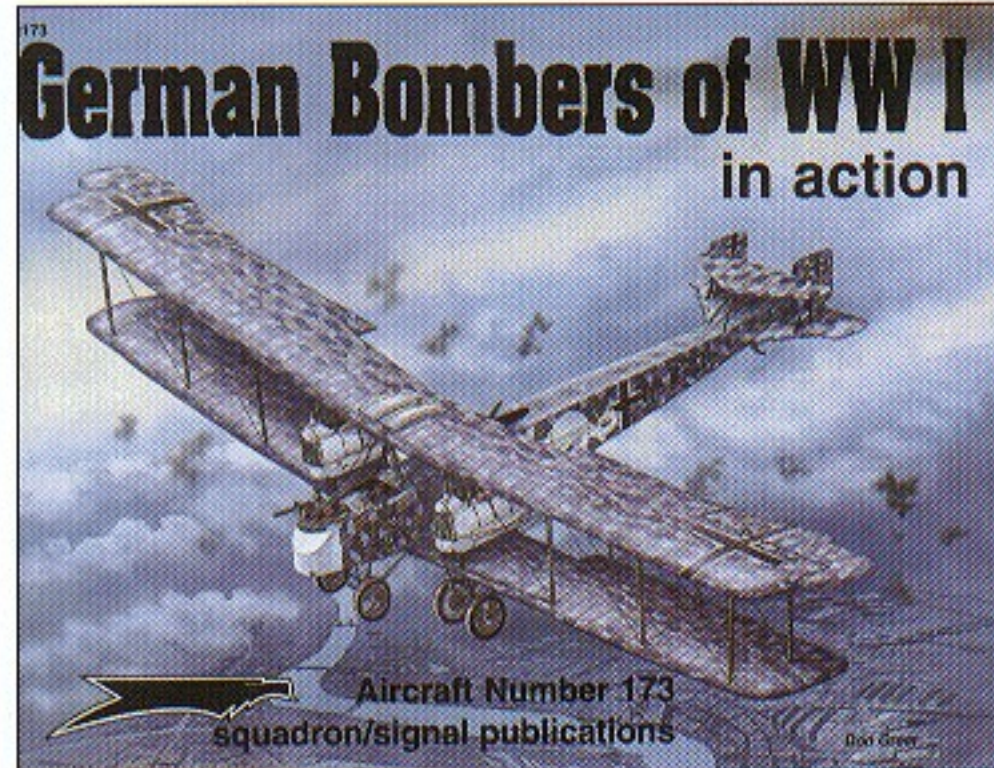
Format: 280mmx210mm, 50 page, laminated card cover

This latest addition to the 'In Action' series comes in the usual format of 50 pages, of which just the centre spread is in colour. Quite a number of types are covered by the author in this title and there are a good number of period B&W photos to illustrate the text. Side-view line drawings are included for a number of the types covered, but there is no indication that these are drawn to any

recognised scale. The main types covered in separate chapters are the AEG G.IV, Friedrichshafen G.III, various Gothas from G.I to G.VIII and the Zeppelin (Straaken) R.VI.

Another nice little title that will, I am sure, appeal to many WWI modellers.

Our thanks to Squadron-Signal for the review sample. The UK distributor for this series is Pocketbond Ltd.



Me 262A Schwalbe

by Steve Muth

Price: \$7.95
ISBN: 1-930432-02-X
Publisher: Peregrine Publishing
Format: 210mmx280mm, 10 page, laminated card cover

Following on from their previous two 'photo essay' titles, this publisher has now released a similar one on the Messerschmitt Me 262A. This twelve-page booklet (two of these 'pages' are the cover) offers some thirty-one colour photos around the example on display in the Deutsches Museum. I must admit that I was surprised to see this machine covered by an American

firm, as I would have thought the USAF Museum example would have been easier to get to? The photos are useful, but the canopy has obviously not been opened for photography, and as this particular machine is covered in glazed panels to expose the structure, it does make for a rather 'glarey' and (sometimes) blurred selection of shots.

Useful for the modeller if you don't want to shell out £20+ for the Aero Detail title. The above quoted price has an additional \$4 for P&P for worldwide delivery. Copies of this, and all previous titles, can be obtained directly from the publisher.

Our thanks to Peregrine Publications for the review sample.

A Peregrine Photo Essay

Me 262A Schwalbe



Short Sunderland

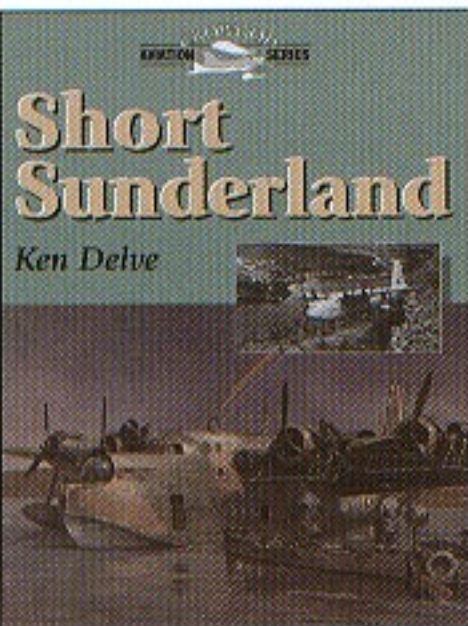
by Ken Delve

Price: £25.00
ISBN: 1-86126-335-4
Publisher: The Crowood Press
Format: 210mmx290mm, 176 page, hardback cover with separate full-colour dust jacket

The latest addition to this publisher's 'Aviation Series' is by Flypast editor Ken Delve. The narrative takes a look at both the development and service use of the Sunderland. The first chapter deals with the early years of the type's use in the Atlantic, which were not very successful. This is followed by the more effective use of the type in the same theatre during the mid-war. The use of the type after D-Day is covered in chapter four and then there are chapters on the Middle East & Mediterranean, West Africa, Far East and,

finally, the type's use by civil operators. Each section is illustrated with a good selection of period B&W photos and the appendices include all the serial numbers of Sunderlands built, squadrons that used the type and even a list of those examples that still remain in existence.

If you have the rest of the series, or you just like the Sunderland, you will enjoy this latest addition.



Our thanks to The Crowood Press for the review sample.

B-26 Invader Units over Korea

by Warren Thompson

Price: £13.99 (\$19.95)
ISBN: 1-84176-080-3
Publisher: Osprey Publishing
Format: 210mmx250mm, 128 page, laminated card cover

This is the latest addition to Osprey's 'Frontline Colour' series. It is in the usual format for the series, and offers 128 pages of period colour photos of the A/B-26 during service in the Korean War. You only

get a couple of photos per page, so they are nice and big and the accompanying captions are quite comprehensive. There is no real 'text' as such, just the photos and captions, but it offers so much information on both the planes and the environment in which they operated, that it is ideal for modellers.

This is a real 'must' for all Korean War and USAF fans.

Our thanks to Osprey Publishing for the review sample.



Sukhoi Su-17

Price: £TBA
ISBN: N/A
Publisher: Armada (Russia)
Format: 280mmx210mm, 56 page, laminated card cover

This is the latest addition to the series of softback monographs by this Russia publisher. It comes in the usual landscape

(A4) format and inside there are a wealth of B&W photos coupled with scale plans (both 1/72nd and 1/48th) and a number of good colour side profiles. English text is limited to the photo captions, but the sheer volume of technical information in the photos makes this one well worth considering. Interior photos and lists of weapons loads and pylon positions are also included and these will be of great use to modellers.

A visit to The Aviation Bookshop stand at the IPMS/UK proved that they do



indeed stock this title, so all UK enquiries should be made to them.

News

La Bancarella Aeronautica

A new title in the 'Ali D'Italia' monograph series has been released by this publisher. It deals with the Piaggio P.108 and comes in a 290mmx210mm format with gatefold laminated card covers and 56 pages of contents. Inside are both English and Italian text coupled with lots of clear period B&W photos of the type. The gatefold centre pages offer 1/72nd scale plans of this big four-engine bomber and the last section of the title includes a mass of clear interior photos of the P.108. This is ideal for Italian Air Force fans as well as anyone with the Airmodel kit of the type.



AeroFan

A new special book has been produced by this journal and it deals with Italian aircraft in

Luftwaffe service. Entitled 'The

Rich Booty', and written by Hans Werner Neulen, it is in a 290mmx210mm format with 80 pages and a laminated card cover. The text inside is offered in both English and Italian and there are a large number of period B&W photos to illustrate it. A couple of pages of colour profiles have been created by Richard J.

Caruana, and all in all it is one of those titles that will appeal to Italian Air Force and Luftwaffe fans alike.

Peregrine Publishing

The latest 'Photo Essay' from this publisher is the second on an American subject, and it deals with the Bell P-59B Airacomet.

The 280mmx215mm format title has just twelve pages, four of which are the laminated card cover. Inside are 32 colour photos in and around the P-59 preserved at the USAF Museum. Very little has ever been done on this type, and for that reason alone this has got to be one for the USAF and 'Pioneer Jet' fraternity.

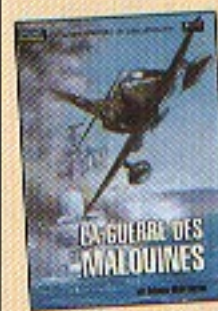


Lela Presse S.A.R.L.

This French publisher is probably better known to some of you for Avions and Jets magazines; well

they have just released two new books, plus a couple of 'specials'.

The first book is on the Latecoere 298. This 290mmx210mm format title offers 168 pages and a hardback cover. I must admit that the first time I saw a photo of the 298 I thought it was one of the most elegant aircraft I had ever seen. Ever since I have looked out for more information on the type and when both 1/72nd and 1/48th scale kits were released, I hoped a book would follow, and now it has. What a book though! It is simply crammed full of clear B&W photos, both general and



extremely detailed and the last eight pages offer a number of clear colour side profiles of the type. As you can tell, I am impressed with this book, all I need to do now is learn French! The other title from this publisher is 'La Guerre des Malouines' (The Falklands War to the rest of us!) by Salvador Mafe Huertas. This 290mmx210mm title has no fewer than 476 pages (!) and a hardback cover. Inside the text is all, once again, in French, but it is packed full of colour and B&W photos from the conflict.

News



Looking through it I would suspect that the narrative is very much from an Argentinian viewpoint, but we have already had enough written about the British side of the conflict, so this new title adds another dimension to what we know. For modellers this title will be a 'wow' as it is full of so many clear photos of the aircraft and equipment used in the conflict that these alone make the title worth having. One can only hope it will be translated into English before too long, as that will increase its appeal no end. These titles retail directly from the publisher at 190FF (+25FF P&P) and 390FF (+40FF P&P) respectively.

Also now available are the twelfth and thirteenth editions of the *Batailles Aériennes* quarterly journal. These cover specific operations during WWII. These two happen to both cover Operation Barbarossa and they are each in an A4 format with 80 pages and a laminated card cover. Both land and air operations are covered, with lots of photos to illustrate this, and there is even a section at the back of each edition listing suitable kits available of the aircraft types involved in the operation. Each copy is 69FF (+P&P).

Squadron-Signal

The latest 'In Action' title is on the H-53 Sea Stallion. This 210mmx280mm format title offers 50 pages and a laminated card cover. Written by C.M. Reed the title offers the usual selection of overall and detail B&W photos coupled with an informative text and a centre spread of colour side profiles. It is a handy 'one-point' reference guide and should be about £7.99 in the UK.



The other new item from Squadron is in their 'Walk Around' series and deals with the Republic F-105 Thunderchief.



This title is in the same format as the previous one, but it offers 80 pages. The content is basically lots of photos in and around preserved examples and these are split 50/50 colour and B&W. Just about all the details you will need are here when you make the Monogram kits of the type, so it is highly recommended to all 'Thud' fans.

Albatros Productions

The latest Windsock Datafile (No.83) has just been released by Albatros and it deals with the Gotha G.I. Written by P.M. Grosz, this A4 format title has 36 pages and a laminated card cover. Inside you get the full development and service history of the type coupled with lots of period B&W photos and both 1/72nd and 1/48th scale plans. There is also good detailed photographic coverage, notes on camouflage and markings and a list of all kits produced of the type, so all in all an ideal WWI fan package. Examples can be obtained directly from the publisher for £8.95.



of all kits produced of the type, so all in all an ideal WWI fan package. Examples can be obtained directly from the publisher for £8.95.

Heinkel He 60

by Lucas Molina Franco

Price: £TBA (1.300 ptas)
ISBN: 84-87314-59-7
Publisher: Alcañiz Fresno's s.a.
Format: 280mmx240mm, 40 page, laminated card cover

This Spanish publisher has launched a series of publications entitled 'Perfiles Aeronauticos' (Aircraft Profiles) and the first in the series is this one on the Heinkel He 60.

Inside are period photos and a mass of colour side profiles. Only the photo captions are in English, but they are of an 'expanded' style, so they do offer quite a lot of information. The colour artwork is amazing, and the amount of information offered in the various B&W photos is just what modellers want. There are no diagrams or interior photos unfortunately.

Although the type has not been that popular with model manufacturers, Classic Resin Airframes made it in 1/48th scale and I recall one in 1/72nd scale as well, so there



are some kits out there. Definitely for all Luftwaffe/Spanish Civil War fans. Our thanks to l'AeroTeca for the review

sample. UK modellers can obtain copies from The Aviation Bookshop.

Henschel Hs 123

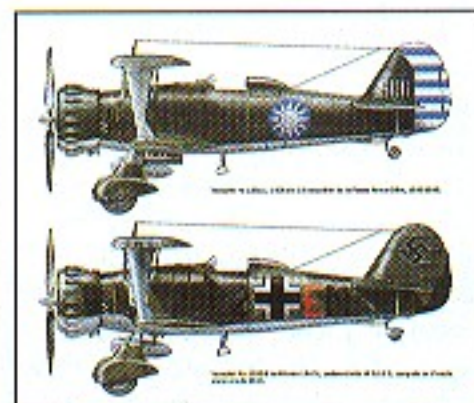
by Lucas Molina Franco

Price: £TBA (1.500 ptas)
ISBN: 84-87314-61-9
Publisher: Alcañiz Fresno's s.a.
Format: 280mmx240mm, 40 page, laminated card cover

This is the second title in the 'Perfiles Aeronauticos' series and it is in a similar format as the other title. Once again the book is full of period photos and lots of colour side profiles. Only the photo captions are in English, but are of an 'expanded' form. The colour artwork and clear B&W photos offer a great deal of information and



although this subject has been done in kit form, there have not been that many titles on it. This one has to be a 'must' for all



Luftwaffe & Spanish Civil War modellers, even if you can't read the main text!

Our thanks to l'AeroTeca for the review sample. UK modellers can obtain copies from The Aviation Bookshop.

Lockheed F-104G Starfighter

by Pere Redón

Price: £TBA (2.3000 ptas)
ISBN: 84-922621-5-X
Publisher: Reserva Anticipada Ediciones.
Format: 260mmx215mm, 48 page, laminated card cover

This is the work of another Spanish publisher, and they have released a series of softback titles dealing with modern fighters operated by the Spanish Air Force. This first one is on the Lockheed F-104 Starfighter. Coverage seems to be a 50/50 split of period B&W and colour photos along with the occasional colour profile. Unfortunately none of the text or photo captions are in English. The size and quality of the photos coupled with diagrams and manual extracts that have been included does mean that you can glean quite a lot of information from this title.

This is a title ideal for all F-104 fans, even if you can only look at the pictures!

Our thanks to l'AeroTeca for the review sample. Once again this title can be

obtained from The Aviation Bookshop (UK) or from l'AeroTeca (Spain).



The Luftwaffe Fighters' Battle of Britain

by Chris Goss

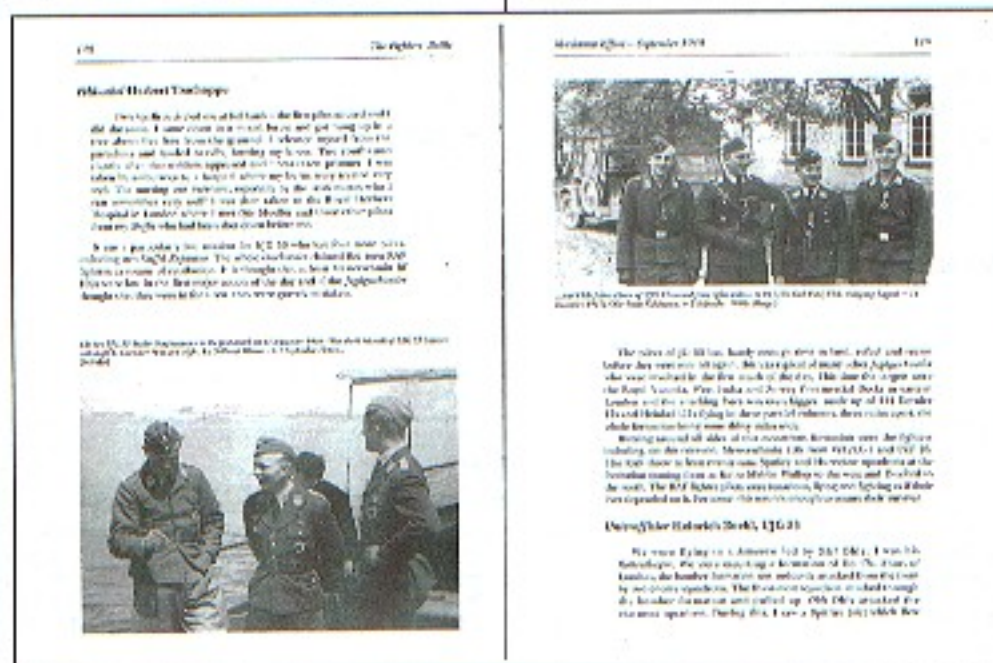
Price: £19.95
ISBN: 0-947554-81-5
Publisher: Crécy Publishing
Format: 255mmx195mm, 208 page, hardback cover with separate, full-colour, dust jacket

This is the first of two new hardback titles in a series entitled 'The Inside Story: July-October 1940' which have just been released by Crécy. This first one deals with the Luftwaffe Fighters' involvement in the battle. Throughout the narrative there are a mass of period B&W photos, and the author seems to have gone out of his way to not just include a 'steaming hole in the ground' crash site photo, but a picture of that plane before its ultimate demise (very nice). The narrative itself takes the form of personal accounts from both RAF and Luftwaffe pilots, which are set out by date order to illustrate how the battle

progressed. As well as all the 'personal' photos of the people being discussed, there are a great many shots of the aircraft

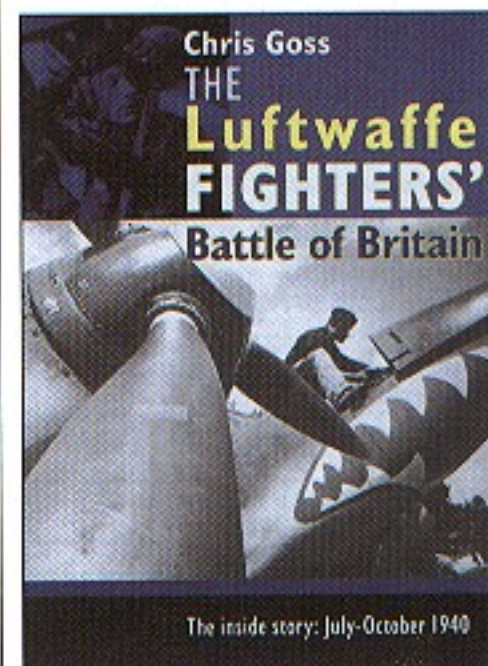
involved and for modellers these are of great interest.

The 60th Anniversary of the BofB



means that this sort of title is all the vogue at present, but this one from Crécy has been well worth waiting for and can be highly recommended to all.

Our thanks to Crécy Publishing for the review sample.



The Luftwaffe Bombers' Battle of Britain

by Chris Goss

Price: £19.95
ISBN: 0-947554-82-3
Publisher: Crécy Publishing
Format: 255mmx195mm, 208 page, hardback cover with separate, full-colour, dust jacket

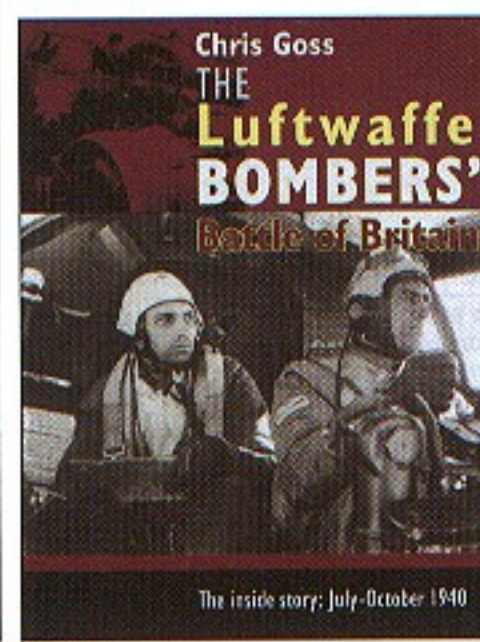
This is the second title in 'The Inside Story: July-October 1940' series from Crécy and once again it is by Chris Goss. The narrative is in the same format as the previous title, with reports from pilots on both sides given in chronological order. This is all well illustrated with lots of B&W photos. Many of these show the men involved, but there are also lots of shots of the aircraft, both before and after their eventual crash-landings! The text makes for a very interesting read, and the photos are full of detail information. This is the sort of title we all buy for the photos and end up

reading time and time again.

An excellent title, and one that can also be highly recommended to all



Our thanks to Crécy Publishing for the review sample.



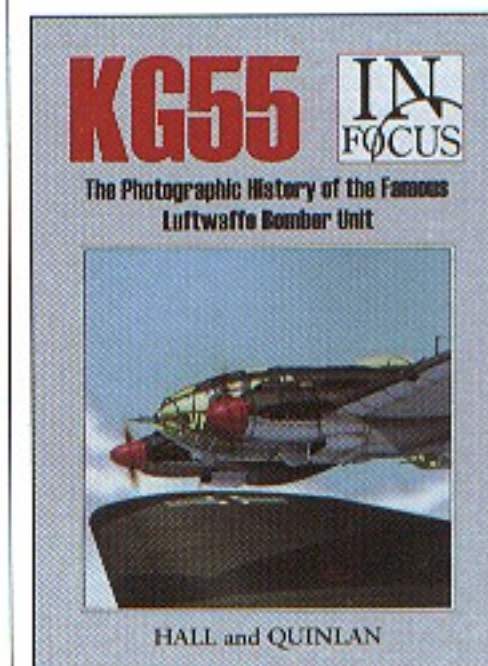
KG55

by S. Hall & L. Quinlan

Price: £17.95
ISBN: 0-9538061-0-3
Publisher: Red Kite
Format: 290mmx210mm, 96 page, laminated card cover

This is a new name to us, but this publisher has just released a title on KG55 in their 'In Focus' series. Inside are a large number of period B&W photos of KG55 in action. There is no main text really, as the whole thing is held together by the large photos and their extensive captions. That said, there are occasions where a little additional narrative is included and the appendices at the end of the title detail each loss suffered by the squadron. For the modeller a great deal of information can be obtained from the huge number of photos, and as many of them have never been seen before; this title surely ranks as a 'must have' for all Luftwaffe fans.

Our thanks to Red Kite for the review sample. In the UK examples can be obtained from Midland Counties Publications, who are also this publisher's trade distributor.



Macchi MC 202 Folgore Pt.2

by Maurizio Di Terlizzi

Price: £78A (L.30.000)
ISBN: 88-06815-62-X
Publisher: Istituto Bibliografico Napoleone sas
Format: 280mmx200mm, 64 page, laminated card cover

Many of you will recall the start of this Italian publisher's work a few years back with an A5 format title on this machine. Well, this latest addition is the second part of IBNs (Istituto Bibliografico Napoleone sas) coverage and it is in a larger (A4) format.

Inside this title there is a mass of period B&W and colour photos coupled with text in both Italian and English. A good selection of colour side profiles are also included, along with a section on modelling the type. One whole chapter is dedicated to camouflage and markings



and there are lots of detail photos that are both period and modern.

There are lots of good kits of the C.202 around and the English and Italian text of this title make it ideal. It is certainly recommended to all Italian Air Force fans, and especially to any of you who missed the first part - don't miss this one!

Our thanks to IBN for the review sample. UK buyers can obtain examples from Midland Counties Publications,



while in the USA the series is stocked by Pacific Coast Models Inc.

Address List

Note: Please refer to the individual review to identify the UK importer or distributor of each range. See advertisements in this and previous editions in regard to model shops and mail order establishments listed in reviews.

Airways Graphics International

P.O. Box 737, Blackburn,
VA 24063-0737, USA.
Tel: 540 552 6737
Fax: 540 552 6739
Email: jrh@airwaysgraphics.com

Albatros Productions Ltd.
10, Long View, Berkhamstead,
Herts. HP4 1BY
Tel: 01442 875838
Fax: 01442 876018

Albatros Modelworks
Portada Diseño, SA de CV
Dr E. Raphael,
Fortunato ZuaZua #48,
San Juan Tilihuaca,
Mexico DF 02400, Mexico.
Tel: ++52 5 383 32 59 Ext 24
Fax: ++52 5 319 54 93
Email: Telch@dsi.com.mx

Brookhurst Hobbies
12188 Brookhurst St.
Garden Grove, CA 92840, USA.
Tel: (714) 636 3580.
Fax: (714) 636 9150
Email: Brookhobby@aol.com

Carpena Colorado
P.O. Box 1037, Vermoim
4470 Maia, Portugal.
Tel/Fax: ++351 2 902 53 49
Email: colorado@decaco.com

CMK
Mezilesi 718,
193 00 Horni Pocernice,
Praha 9, Czech Republic
Tel: +420 2 8192 3909
Fax: +420 2 8192 3910
Email: export@mpm.cz

Create 301
P.O. Box 52, Yalzu-City,
Shizuoka 425-869, Japan.
Fax: 001 82 54 629 9495

Crécy Publishing
Unit 1a, Ringway Trading
Estate, Shadowmoss Road,
Wythenshawe, Manchester,
M22 5LH
Tel: 0161 499 0024
Fax: 0161 499 0298
Email: books@airplan.u-net.com

The Crowood Press
The Stable Block,
Crowood Lane, Ramsbury,
Marlborough, Wilts.
SN8 2NR
Tel: 01672 520320
Fax: 01672 520280

Custom Aeronautical Miniatures
See Brookhurst Hobbies

Cutting Edge
See Meteor Productions

Doyusha Model Co.
4-27-21 Arakawa-Ku,
Arakawa, Tokyo,
Japan.
Tel: 03 3803 4747
Fax: 03 3805 3009
UK Source: Euro Models

Eagle Strike Productions
2025 S.W. 22 Terrace,
Miami, FL 33145,
USA
Tel/Fax: 305 285 7219

Eduard M.A.
435 21 Obrnice 170,
Czech Republic.
Tel: 420 35 6118259
Fax: 420 35 6118186
Email: eduard@traveller.cz
UK sources: LSA Models & Hannants

Euro Models
35 Crown Road, St Margarets,
Twickenham, TW1 3EJ
Tel: 020 8891 0342
Fax: 020 8744 2177

Fantasy Printshop
Springfield Buildings,
Tor Road, Newquay,
Cornwall, TR7 1RL
Tel: 01637 872517
Fax: 01637 872617
Email: fantasyprintshop@btinternet.com

Fox One Decals
PO Box 12111, Wichita,
KS 67277-2111,
USA.

High Planes Models
127 Wheeler Street, Corryong,
VIC 3707, Australia.
Fax: +61 260 76 1843
Email: hiplanes@corryong.albury.net.au

Hobbycraft Canada
140 Applewood Crescent,
Concord, Ontario,
L4K 4E2, Canada.
Tel: 905 738 6556
Fax: 905 738 6329

IBN - Istituto Bibliografico Napoleone s.a.s.
Via G. Minazzini 7,
00161 Roma, Italy.
Tel: 06/44 69 828
Fax: 06/44 52 275
Email: aviolibr@etr.it

JetDecals
Box 1A,
ul. Hrubieszowska 7,
02-209 Warszawa,
Poland.

La Bancarella Aeronautica s.a.s.
Corso Duca degli Abruzzi, 12,
10128 Torino, Italy.
Tel: 011 53 13 41
Fax: 011 562 93 59

L'AeroTeca
C/Concort 11,
E-08024 Barcelona, Catalunya,
Spain.
Tel: +34 93 210 54 07
Fax: +34 93 210 59 92

Leading Edge Models
Bay E, 83 Skyline Crescent,
N.E., Calgary,
Alberta, T2K 5X2,
Canada
Tel/Fax: 403 3274 7874
Email: lemdecals@telusplanet.net

Lela Presse S.A.R.L.
29, rue Paul Bert,
62230 Outreau, France.
Tel: 03 21 33 88 96
Fax: 03 21 32 00 39
Email: m.lela.presse@wanadoo.fr

Liveries Unlimited
See Airways Graphics International

Magna Models
4, Brian Close, Sandford,
Wareham, Dorset, BH20 7BJ
Tel: 01929 553518

Meteor Productions
P.O. Box 3956, Merrifield,
VA 22116, USA
Tel: 703 591 0652
Fax: 703 591 3996

Minicraft Models Inc
1450 West 228th Street,
Suite 17, Torrance,
CA 90501, USA
Tel: 310 325 8383
Fax: 310 539 2018
UK Importer: Toyway.

Model Art Decal System
P.O. Box 64, Bury,
Lancs. BL9 0SF
Tel/Fax: 01706 827500

Model Design Construction
1 Park Mews, Church street,
Riddings, Derbyshire.
DE55 4DD
Tel: 01772 821182

MPM s.r.o.
Mezilesi 718,
193 00 Horni Pocernice,
Praha 9, Czech Republic
Tel: +420 2 8192 3907
Fax: +420 2 8192 3892
Email: export@mpm.cz

Osprey Direct
P.O. Box 140, Wellingborough,
Northants, NN8 4ZA
Tel: 01933 443863
Fax: 01933 443849
Email: info@OspreyDirect.co.uk

Paragon Designs
39, Cantley Lane, Norwich,
Norfolk, NR4 6TA
Tel: 01603 507152
Fax: 01603 506057

Pavia Models
Kubelkova 9, 709 00 Ostrava,
Czech Republic.
Tel: +420 69 6627136
Fax: +420 69 6627137

Peregrine Publishing
P.O. Box 343, Glen Head,
NY 11545, USA.
Tel: (516) 759 1089
Fax: (516) 759 1034

Pocketbond Ltd.
P.O. Box 80, Welwyn,
Herts. AL 6 0ND
Tel: 01707 391509
Fax: 01707 327466

Revell AG (UK Branch)
10-12 Queensway,
Hemel Hempstead,
Herts.
HP1 1LR.
Tel: 01442 250130
Fax: 01442 245619

Revell AG
Abteilung X,
Henschelstr 20-30,
D-32257 Bünde,
Germany

RVHP
Blitovská 1210/6,
140 00 Prague 4,
Czech Republic

Squadron-Signal Publications
1115 Crowley Drive,
Carrollton,
Texas 75011-5010,
USA
Tel: 214 242 1485
Fax: 214 242 37 75
UK Distributor: Pocketbond

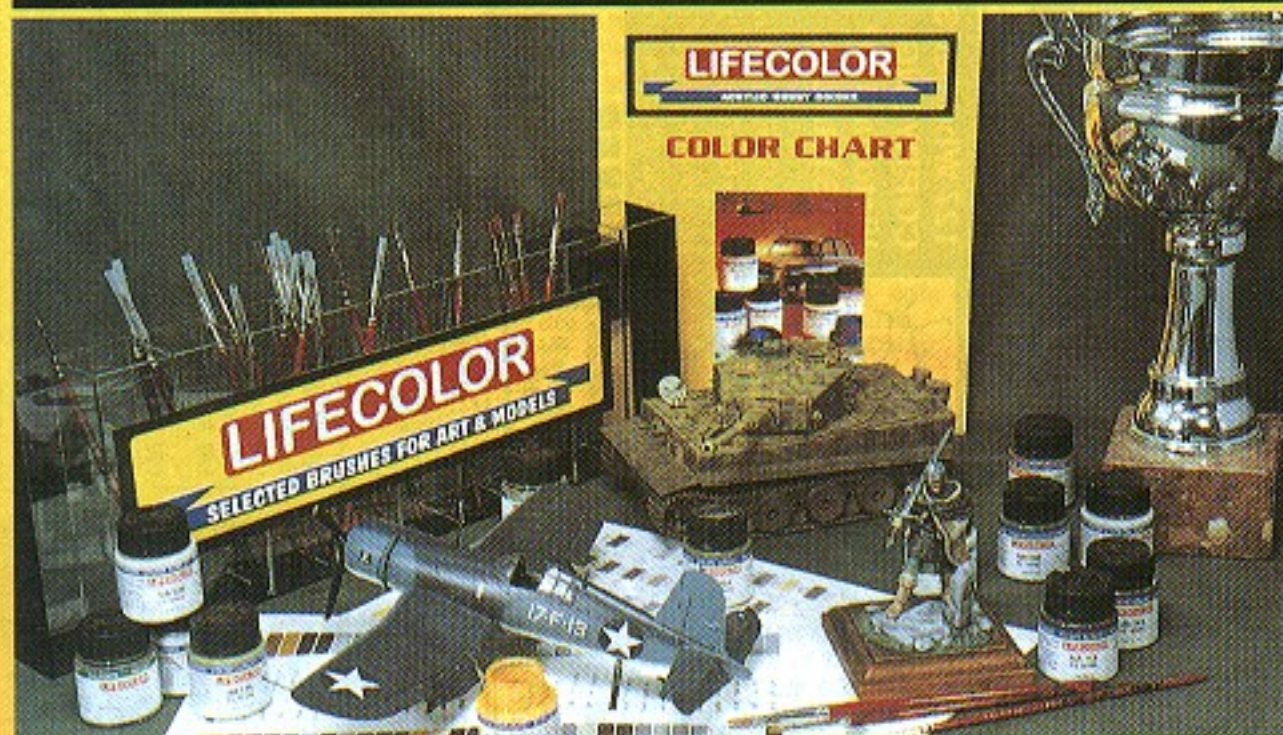
Tauro Models sas
Via San Domenico 16,
Oselle,
P.O. Box 59,
I-10022 Carmagnola (TO),
Italy.
Tel: +39 11 9778166
Fax: +39 11 9713983

Teknics
See Meteor Productions

WingMan
Södergatan 36,
19547 Märsta,
Sweden.
Email: bringho@telia.com

LIFECOLOR

ACRYLIC HOBBY COLORS



NEW ORIGINAL COLORS

160 FEDERAL STANDARD 595b ACRYLIC COLORS

COMPLETE CHOICE FOR:
WWII AND MODERN PLANES
MILITARY VEHICLES
MINIATURES
WWII BATTLE SHIPS
COCKPIT INTERIORS

ASK FOR YOUR FREE COLOR CHART

NEW SELECTED BRUSHES

FOR ART AND MODELS
WIDE RANGE OF PURE
RED SABLE AND SYNTHETIC
GOLDEN TORAY HAIR

Now available in the UK from Aviation Hobby Shop, Beaneys, ED Models, Jamieson, LSA, Mr & Me, Wonderland Models, The Model Shop - Harrow, Frome Model Centre, Raw Models - Warminster, Les Wright Models - Burton on Trent, Leeds Model Centre - Merrion Centre, G K Models - Bournemouth, Modellers World - Halifax, Punctilio Models - Hinckley, Transport Models - Preston, Radcliffe Models - Radcliffe and D.K.G Models - Southport. Coming to a shop near you, if not direct from Athena.

(01302) 322913 Fax (01302) 730531

UK Trade orders and enquires to Athena otherwise apply to Astromodel S.A.S.,
via M.Lercari M/5-16126 Genova (Darsena) Italy - Phone 0039-010-2464555 Fax 0039-010-256477
Web Site: www.astromodel.it

THE X-PFEILS

1/48 scale Dornier Do335A Pfeil

(ITEM61074)



DORNIER Do335A PFEIL

The Luftwaffes' Other Bird

Perhaps the most unlikely aircraft of the Luftwaffe, the Dornier Do335A Pfeil (arrow) employed an X-shaped tail and a unique engine arrangement, with one engine in the nose and one behind the wing, the latter driving a propeller in the extreme tail. The Do 335 was a fast and powerful aircraft, but its total production did not exceed 28 by the end of the war. It mounted two 1305kW Daimler-Benz DB603A-2 engines, had a wingspan of 13.80m, length of 13.85m, height of 5.00m and could reach speeds of 770km/h. Its range was 1380km.

The Arrow Flies Again

Tamiya's next addition to the 1/48 Aircraft Series is the Dornier Do335A Pfeil. The unique shape of the fuselage and wings of this atypical aircraft have been recreated with outstanding detail. Model features bomb hatch which can be modeled in the open or closed position. Canopy can also be modeled in open or closed position, and contains one pilot figure. Kit also includes one 500kg bomb and decals for three types of aircraft. Tamiya invites you to recreate this phantom war bird whose wings were prematurely clipped by the close of WWII.



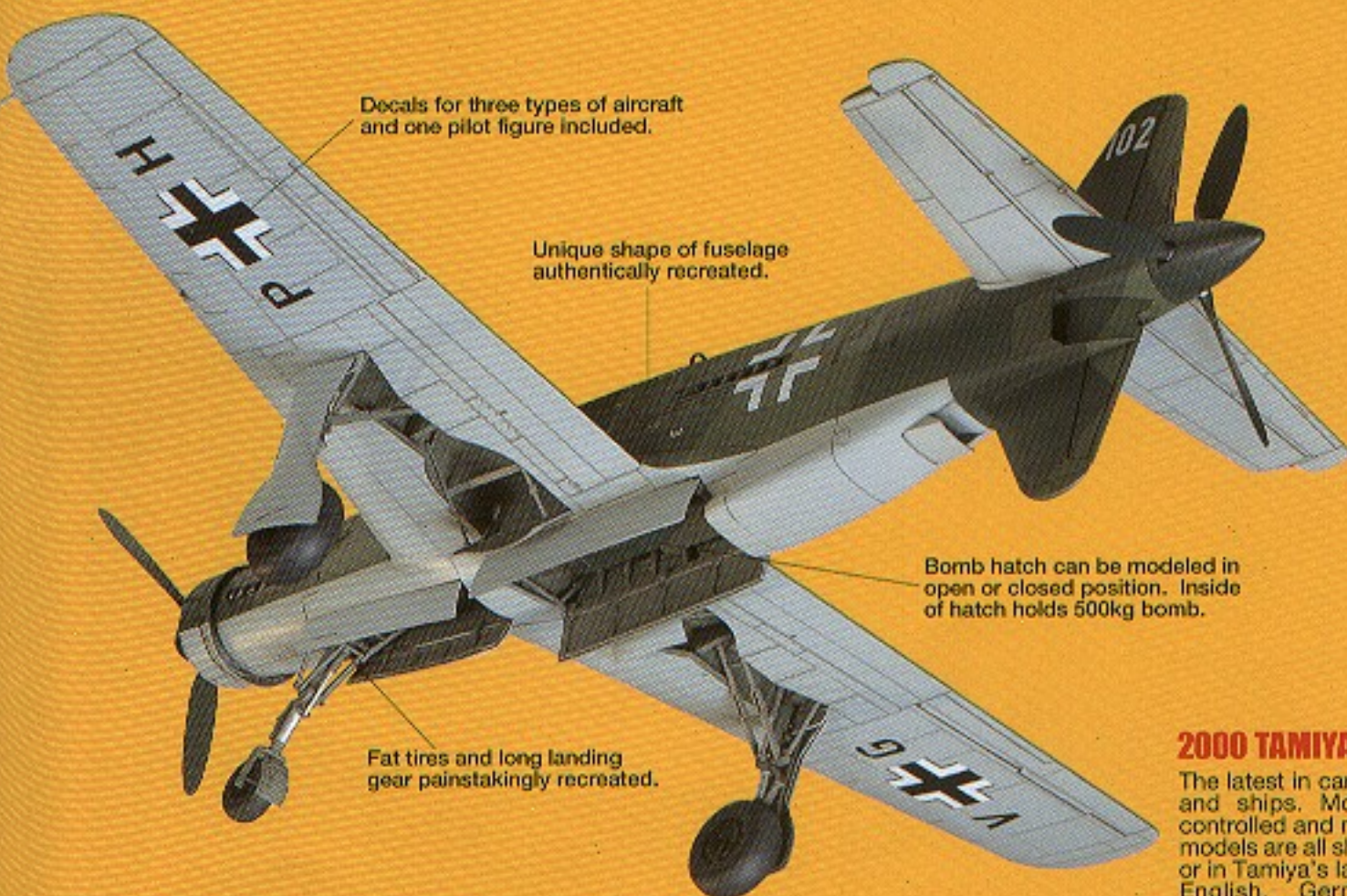
Cockpit overflows with detail including instrument panel and ejection seat. Canopy can be modeled open or closed.

Decals for three types of aircraft and one pilot figure included.

Unique shape of fuselage authentically recreated.

Bomb hatch can be modeled in open or closed position. Inside of hatch holds 500kg bomb.

Fat tires and long landing gear painstakingly recreated.



FUSELAGE 290mm. WINGSPAN 288mm.



1/12 Yamaha XV 1600 Road Star
Tamiya has recreated this American style cruiser bike in stunning detail as the latest addition to the 1/12 Motorcycle Series. Fascinating assembly incorporates metal screws and two kinds of metal plated parts.

2000 TAMIYA CATALOGUE

The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full color in Tamiya's latest catalogue. English, German, French, Spanish and Japanese versions available.



TAMIYA, INC.

3-7, ONDAWARA, SHIZUOKA-CITY, JAPAN.

ACCURACY.

DETAIL.

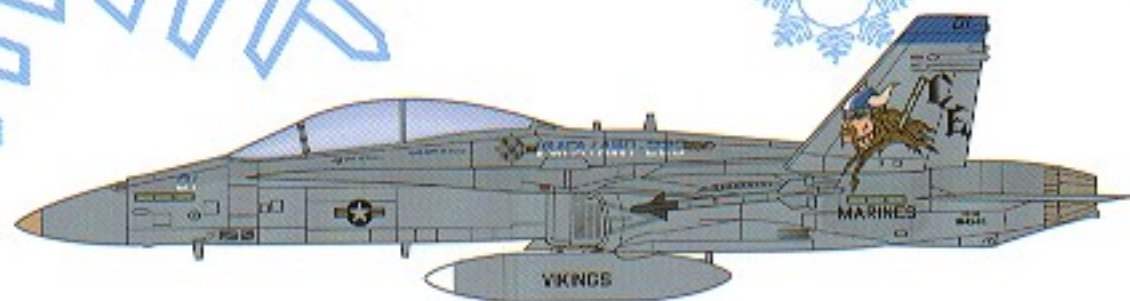
QUALITY.

Why Experiment, When the best
is available **NOW!**

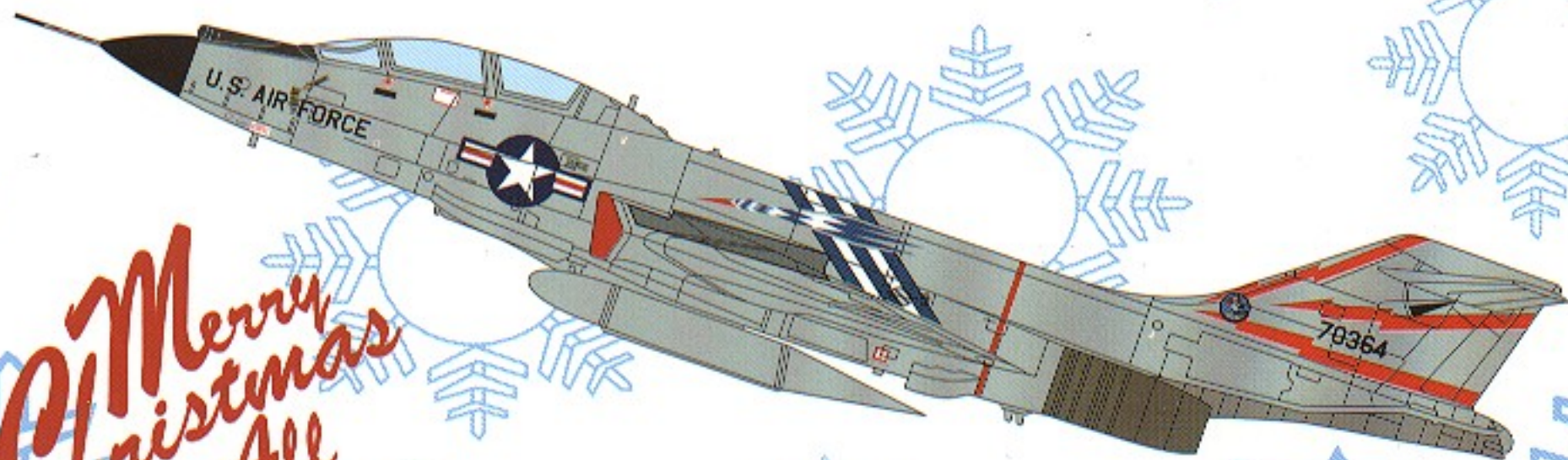
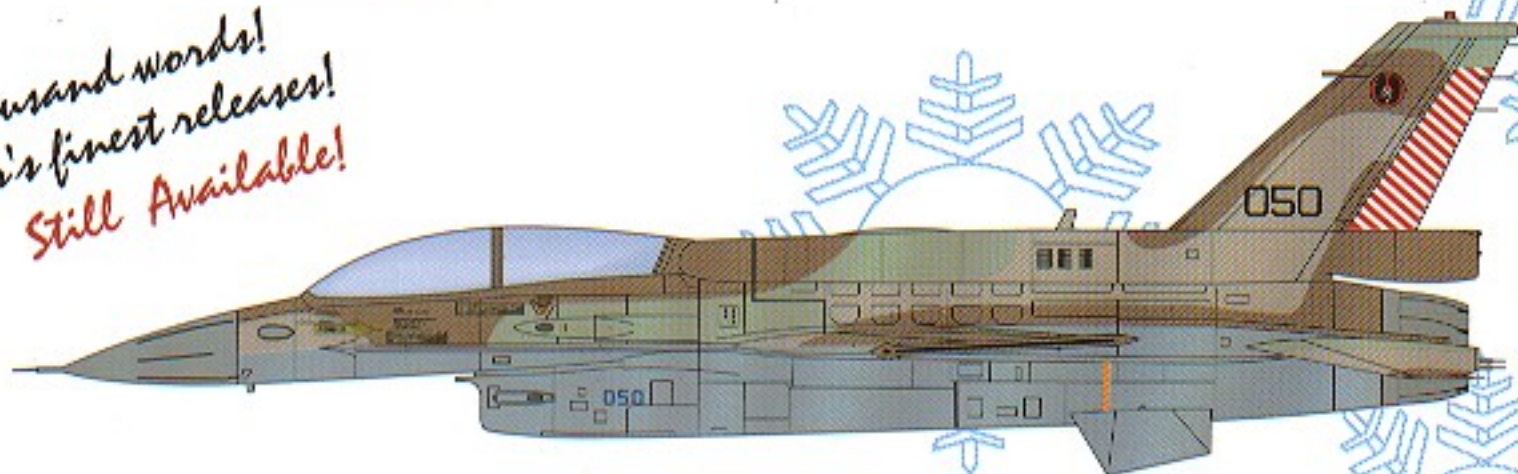


Naturally!
AeroMaster

PRODUCTS



*Pictures are worth a thousand words!
A selection of our Year's finest releases!
Still Available!*



*Merry
Christmas
To All*



Thank You for making year
2000 our best decal year EVER!
Thank you for your past, present,
and future support.



AEROMASTER
3615 NW 20TH AVE.
MIAMI, FL 33142, USA

TELEPHONE:
001 305 633-7398
FACSIMILE:
001 305 638-4197

www.AeroMaster.com

